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Lancaster Farming

VOL. 35 No. 7 Four Sections Lancaster Farming, Saturday, December 23, 1989 50¢ Per Copy $12.50 Per Year

And the angel said unto them, Fear not: for behold, I bring you good tidings of great joy, which shall be to all people. For unto you is born this day in the city of David a Savior, which is Christ the Lord.
— Luke 2:10,11

As we [illegible] you [illegible] Christmas season — one full [illegible] Jesus brings [illegible] Christmas season [illegible] and your [illegible] throughout the [illegible] Year.

Lancaster Farming Staff

Lancaster Co. Livestock Market Auctions

Lancaster Livestock Auction

Monday, Dec. 18, 1989
Report Supplied by USDA

	Cattle	Calves	Hogs	Sheep	Goats
Monday's Auction	775	90	874	1805	712
Last Monday's Auction	839	62	440	934	550
Last Year's Auction	987	116	630	1743	902

CATTLE: SLAUGHTER STEERS FIRM TO 1.00 HIGHER; SLAUGHTER HEIFERS FULLY STEADY; COWS FULLY STEADY; BULLOCKS FIRM TO 1.00 HIGHER; BULLS 2.00-3.00 HIGHER. SUPPLY INCLUDED 59% SLAUGHTER STEERS, 14% SLAUGHTER HEIFERS, 19% COWS, WITH THE BALANCE BULLS.

SLAUGHTER STEERS: HIGH CHOICE AND PRIME 2-4 1200-1425 LB 79.25-81.00, COUPLE HEAD 81.25-82.50; CHOICE 2 1100-1350 LB 80.25-81.25, COUPLE 81.75-82.50; CHOICE 2-4 1035-1450 LB 77.00-80.25; SELECT AND LOW CHOICE 2-3 1025-1400 LB 72.00-76.50; SELECT 2-3 1000-1335 LB 68.00-71.00; FEW HIGH CHOICE AND PRIME 1400-1490 LB HOLSTEINS 69.00-73.75, CHOICE 1100-1475 LB 64.75-68.75.

SLAUGHTER HEIFERS: PART LOAD HIGH CHOICE AND PRIME 2-3 1175-1375 LB 78.00-80.00; CHOICE 2-3 FEW 4 910-1200 LB 72.00-75.00; SELECT 1-3 900-1150 LB 68.00-71.00; COUPLE SELECT AND CHOICE 1140-1270 LB HOLSTEINS 66.25-66.50.

COWS: BREAKING UTILITY AND COMMERCIAL 2-3 BULK 52.00-54.00, III DRESSING 54.00-56.50; CUTTER AND BONING UTILITY 1-2 BULK 50.50-53.50, HI DRESSING 53.50-54.50; CANNER AND LOW CUTTER LO DRESSING 45.00-48.00, BULK 49.00-51.00.

BULLOCKS: FEW CHOICE 2-3 1225-1450 LB 69.75-75.75.

BULLS: YIELD GRADE 1 1300-2000 LB, FEW 2000-2350 LB 67.50-72.50, FIVE HEAD 74.25-75.25; YIELD GRADE 2 1050-1500 LB 62.00-67.50, FEW LOW DRESSING 60.00-62.00.

VEAL CALVES: VEALERS STEADY, ALTHOUGH CHOICE AND PRIME NOT TESTED; SLAUGHTER CALVES FULLY STEADY. DEMAND GOOD FOR HOLSTEIN BULLS TO RETURN TO FARM.

VEALERS: HIGH GOOD AND LOW CHOICE 140-200 LB 70.00-85.00, 80-110 LB 65.00-75.00.

SLAUGHTER CALVES: GOOD AND CHOICE 280-400 LB 65.00-75.00.

RETURNED TO FARM: BULK 90-120 LB HOLSTEIN BULLS 120.00-140.00, SMALL FRAME 100.00-120.00.

HOGS: COMPARED TO LAST WEDNESDAY BARROWS AND GILTS .50-1.00 HIGHER; SOWS UNDER 500 LB 1.00-2.00 HIGHER, WEIGHTS OVER 500 LB 3.00-4.00 HIGHER.

BARROWS AND GILTS: US 1-2 210-245 LB 51.00-52.00; US 1 215-235 LB 52.00-53.00; US 1-3 210-260 LB 49.50-51.00; 190-210 LB 48.00-49.50.

SOWS: US 1-3 350-500 LB 36.00-39.00; 500-650 LB 40.00-42.00.

SHEEP: WOOLED LAMBS AND SLAUGHTER EWES FULLY STEADY.

WOOLED LAMBS: CHOICE AND PRIME 65-100 LB 60.00-70.00; GOOD TO LOW CHOICE 70-95 LB 55.00-60.00.

SHORN LAMBS: CHOICE AND PRIME 70-90 LB WITH #1-2 PELTS 67.00-73.00.

NEW CROP LAMBS: CHOICE 25-40 LB 150.00-190.00, 40-70 LB 120.00-160.00; GOOD 25-40 LB 120.00-150.00, 40-70 LB 100.00-120.00.

SLAUGHTER EWES: UTILITY AND GOOD 20.00-35.00; YEARLINGS AND TWO-YEAR-OLDS 35.00-40.00.

GOATS: ALL GOATS SOLD BY THE HEAD. LARGE FLESHY 100.00-135.00, THIN 70.00-100.00; MEDIUM FLESHY 60.00-70.00, THIN 55.00-60.00; SMALL, MAINLY KIDS, FLESHY 60.00-70.00, BULK 50.00-60.00, FEW THIN 30.00-40.00.

THERE WILL BE NO SALE MONDAY, DECEMBER 25, OR MONDAY, JANUARY 1.

Vintage Livestock Auction

Tuesday, Dec. 19, 1989
Report Supplied by USDA

	Cattle	Calves	Sheep	Goats
Today	785	859	5	0
Last Tuesday	615	873	12	0
Last Year	737	860	0	4

CATTLE: SLAUGHTER STEERS FULLY STEADY; SLAUGHTER HEIFERS NOT TESTED; COWS FULLY STEADY; BULLS AND BULLOCKS SCARCE. SUPPLY INCLUDED 36% SLAUGHTER STEERS AND 60% COWS.

SLAUGHTER STEERS: CHOICE AND PRIME 2-3 FEW 4 1100-1400 LB. 79.75-81.50, WITH 40 HEAD INCLUDED AT 80.00-81.50, AND 10 HEAD 81.75-82.75; CHOICE 2-3, FEW 4 1100-1500 LB. 77.00-80.00; SELECT AND LOW CHOICE 2-3 1050-1425 LB. 73.00-77.25; FEW HIGH CHOICE AND PRIME 1500-1565 LB. HOLSTEINS 70.00-71.25; CHOICE 1375-1620 LB. 63.00-68.00.

SLAUGHTER HEIFERS: FEW SELECT 2-3 870-1140 LB. 65.00-67.25, INDIVIDUAL CHOICE 2 1180 LB. 74.25.

COWS: BREAKING UTILITY AND COMMERCIAL 2-3 BULK 50.00-53.50, HIGH DRESSING 53.50-55.00, AROUND 15 HEAD BULK 1550-1800 LB. 55.75-59.00; CUTTER AND BONING UTILITY 1-2 LOW DRESSING 49.00-51.00, BULK 51.00-54.50, HIGH DRESSING 54.50-56.50; CANNER AND LOW CUTTER LOW DRESSING 43.75-46.75, BULK 46.75-49.00.

BULLS: FEW YIELD GRADE 1-2 1450-1910 LB. 65.25-66.50, INDIVIDUAL 2175 LB. 60.75.

VEAL CALVES: VEALERS STEADY, INSTANCES 3.00 HIGHER ON HIGH GOOD AND LOW CHOICE 80-115 LB. SUPPLY INCLUDED 617 IN GRADED SALE OF WHICH 67% SOLD TO RETURN TO FARM.

VEALERS: FEW CHOICE 260-290 LB. 98.00-108.00; HIGH GOOD AND LOW CHOICE 155-210 LB. 77.00-92.00, 80-110 LB. 73.00-78.00; STANDARD AND LOW GOOD 70-85 LB. 65.00-72.00, FEW 60-65 LB. 50.00.

RETURNED TO FARM: 20 HEAD 120-125 LB. HOLSTEIN BULLS 131.00, 155 HEAD 95-115 LB. 149.00-156.00, 25 HEAD 90 LB. 130.00, AND 10 HEAD 85 LB. 116.00; 85 HEAD SMALL FRAME 100-115 LB. 122.00-135.00 AND 75 HEAD 90-95 LB. 118.00-119.00; 20 HEAD 100-115 LB. HOLSTEIN HEIFERS 189.00-192.00, 15 HEAD 90-95 LB. 142.00, AND 20 HEAD SMALL FRAME 80-105 LB. 80.00.

SHEEP: INSUFFICIENT VOLUME FOR A MARKET TEST.

GOATS: NO MARKET TEST.

Lancaster Livestock Auction

Lancaster, Pa.
Wednesday, December 20, 1989

	Cattle	Calves	Hogs	Sheep	Goats
Wed's Auction	44	2	653	10	0
Last Wed's Auction	42	1	400	10	0
Last Year's Auction	20	0	608	0	0

CATTLE: Insufficient volume to fully test trends; few Choice 2-3 1130-1420 lb slaughter steers 76.00-77.00, few Select to low Choice 2-3 1225-1330 lb 74.00-76.00; few Select to low Choice 2-3 990-1095 lb slaughter heifers 66.25-69.25; few Breaking Utility 2-3 cows 51.00-53.50, Cutter and Boning Utility 1-2 49.50-53.50.

VEAL CALVES: No market test.

HOGS: Compared to Monday barrows and gilts 50 lower, instances 1.00 lower; sows under 500 lb steady to 1.00 higher, weights over 500 lb. steady.

BARROWS AND GILTS: US 1-2 210-240 lb 50.50-51.50. US 1 215-235 lb 52.50-54.00. US 1-3 210-260 lb 48.50-50.00.

SOWS: US 1-3 350-500 lb 37.00-40.00, 500-650 lb 40.00-42.00.

BOARS: All weights 31.00-33.00.

SHEEP: No market test.

GOATS: No market test.

Isennock Auction

New Park, Pa.
Monday, Dec. 18, 1989
Report supplied by auction

SLAUGHTER COWS: GOOD TO LOW CHOICE 51.75-54.75; LOW TO GOOD 48.50-49.75; LOW & SHELLS 46.75 & LOWER.

VEAL CALVES: 110-125 LBS. 100.00-133.00, 95-105 LBS. 92.00-147.00, 80-90 LBS. 70.00-129.00, WEAK CALVES 77.00 AND LOWER.

FEEDER CATTLE: STEERS 310-490 LBS. 73.00-78.00, 740-835 LBS. 66.25-68.50; HEIFERS 325-350 LBS. 62.00-76.00; 575-650 LBS. 50.00-55.00.

SOWS: 285-395 LBS. 32.00-37.00; 420-520 LBS. 35.50-39.75.

MARKET CLOSED DEC. 25, OPEN JAN. 1, AS USUAL. HAPPY HOLIDAYS!

Vintage Hay

Paradise, PA
Thurs., Dec. 21, 1989
Report Supplied by Auction

ALFALFA: 1ST CUTTING, 100.00-126.00, 2ND CUTTING, 90.00-127.50.

MIXED HAY: 115.00-137.00.

WHEAT STRAW: 85.00-102.50.

New Holland Livestock

New Holland, Pa.
December 21, 1989

	Cattle	Calves	Sheep	Goats
Today	528	513	146	45
Last Thursday	912	650	386	191
Last Year	469	498	147	90

CATTLE: INSUFFICIENT VOLUME SLAUGHTER STEERS, SLAUGHTER HEIFERS, OR BULLS TO FULLY TEST TRENDS, SMALL SUPPLY FULLY STEADY; COWS FULLY STEADY, INSTANCES 1.00 HIGHER. SUPPLY INCLUDED 70% COWS.

SLAUGHTER STEERS: FEW CHOICE AND PRIME 2-3 1200-1425 LB. 81.00-83.25; CHOICE 2-4 1100-1425 LB. 77.75-80.00; SELECT AND LOW CHOICE 2-3 1075-1450 LB. 73.00-77.00; CHOICE 1250-1550 LB. HOLSTEINS 65.75-66.75, COUPLE HIGH CHOICE AND PRIME 70.00-72.00; FEW SELECT 1100-1400 LB. 59.50-62.75.

SLAUGHTER HEIFERS: COUPLE CHOICE 2-3 960-1360 LB. 69.75-71.50, COUPLE CHOICE 2 75.00-76.75.

COWS: BREAKING UTILITY AND COMMERCIAL 2-4, BULK 50.75-54.75, HI DRESSING 54.75-55.50; CUTTER AND BONING UTILITY 1-2, LO DRESSING 49.75-51.00, BULK 51.00-55.00, HI DRESSING 55.00-57.00; CANNER AND LOW CUTTER, LO DRESSING 42.00-46.00, BULK 46.00-49.75.

BULLS: FEW YIELD GRADE 1 1400-1865 LB. 65.00-72.50, INDIVIDUAL 1385 LB. 88.00; COUPLE YIELD GRADE 2 1300-1625 LB. 61.75-62.75.

VEAL CALVES: VEALERS FULLY STEADY. DEMAND GOOD FOR HOLSTEIN BULLS TO RETURN TO FARM.

VEALERS: COUPLE HIGH CHOICE AND PRIME 175-285 LB. 106.00-114.00; CHOICE 165-345 LB. 89.00-103.00; HIGH GOOD AND LOW CHOICE 115-300 LB. 77.00-90.00, 80-110 LB. 72.00-76.00.

RETURN TO FARM: BULK 90-120 LB. HOLSTEIN BULLS 120.00-150.00, FEW 150.00-172.00; SMALL FRAME 95-115 LB. 100.00-120.00, SEVERAL 85-95 LB. 85.00-100.00.

SHEEP: WOOLED LAMBS FULLY STEADY; SLAUGHTER EWES STEADY.

WOOLED LAMBS: CHOICE 75-105 LB. 66.00-72.00; GOOD TO LOW CHOICE 70-100 LB. 55.00-64.00.

NEW CROP LAMBS: CHOICE 25-50 LB. 95.00-110.00; GOOD TO LOW CHOICE 30-60 LB. 70.00-90.00.

SLAUGHTER EWES: UTILITY AND GOOD 22.00-33.00, FEW YEARLINGS AND TWO YEAR OLDS 33.00-38.00.

GOATS: ALL GOATS SOLD BY THE HEAD. LARGE 65.00-85.00, INDIVIDUAL 103.00; MEDIUM 38.00-60.00; SMALL 26.00-35.00.

North Jersey Livestock

Hackettstown, NJ
Tuesday, Dec. 19, 1989
Report supplied by auction

CALVES .30-1.70.
COWS .35-.62.
EASY COWS .08-.52.
HEIFERS .53¼ -.59¼ .
BULLS .47¼ -.70¼ .
STEERS .58¼ -.71.
HOGS .33¼ -.45.
SOWS .36.
ROASTING PIGS 15.00-51.00 EACH.
SHEEP .15-.73.

Lancaster County Weekly

Lancaster, Pa.
Friday, December 22, 1989

	Cattle	Calves
This Week	2400	1440
Last Week	2722	1579
Last Year	2145	1473

CATTLE: Slaughter steers firm to 1.00 higher; slaughter heifers fully steady; cows fully steady, instances 1.00 higher; bullocks firm to 1.00 higher; bulls 2.00-3.00 higher. Supply included 35% slaughter steers, 6% slaughter heifers, 42% cows, 4% bulls, with the balance feeders.

SLAUGHTER STEERS: High Choice and Prime 2-4 1200-1425 lb 79.75-81.50; Choice 2 1100-1425 lb 80.50-83.25; Choice 2-3 few 4 1035-1450 lb 77.00-80.25; Select and low Choice 2-3 1050-1450 lb 73.00-77.00; Select 2-3 1000-1335 lb 68.00- 72.00; few high Choice and Prime 1400-1565 lb Holsteins 69.00-73.75, Choice 1100-1620 lb 63.00-68.75, Select 1100-1400 lb 59.50-62.75.

SLAUGHTER HEIFERS: Part load High Choice and Prime 2-3 1175-1375 lb 78.00- 80.00; Choice 2-3 few 4 920-1360 lb 70.00-75.00; Select 1-3 900-1150 lb 68.00-71.00; couple Select and Choice 1140-1270 lb Holsteins 66.25-66.50.

COWS: LOW DRESSING BULK HIGH DRESSING Breaking Utility and Commercial 2-4 50.75-54.75 54.75-56.50, Around 15 head 1550-1800 lb 55.75-59.00. Cutter and Boning Utility 1-2 49.00-51.00 51.00-55.00 55.00-57.00, Few 58.50-59.75. Canner and low Cutter 42.00-46.50 46.50-51.00.

BULLOCKS: Few Choice 2-3 1225-1450 lb 69.75-75.75.

BULLS: Yield grade 1 1300-2000 lb, few 2000-2350 lb 67.00-72.50, five head 74.75-75.25; yield grade 2 1050-1500 lb 61.75-67.50, few low dressing 60.00-62.00.

VEAL CALVES: Vealers steady, instances 3.00 higher on high Good and low Choice 80-115 lb; slaughter calves fully steady. Demand good for Holstein bulls to return to farm.

VEALERS: Couple High Choice and Prime 175-285 lb 106.00-114.00; Choice 165- 345 lb 89.00-103.00, couple 103.00-108.00; high Good and low Choice 115-300 lb 77.00-90.00, 80-110 lb 72.00-78.00; Standard and low Good 70-85 lb 65.00- 72.00, few 60-65 lb 50.00.

SLAUGHTER CALVES: Good and Choice 280-400 lb 65.00-75.00.

RETURNED TO FARM: Bulk 90-125 lb Holstein bulls 120.00-156.00, few 156.00- 172.00; small frame 90-115 lb 100.00-135.00, several 85-95 lb 85.00-100.00. Few 100-120 lb Holstein heifers 189.00-192.00, one lot 90-95 lb 42.00; few small frame 80-105 lb 80.00-100.00.

Lebanon Valley Livestock Auction

Fredericksburg, Pa.
Tuesday, December 19, 1989
Report Supplied by PDA

MERRY CHRISTMAS AND A PROSPEROUS NEW YEAR!

REPORT FOR DECEMBER 19, 1989 IS NOT AVAILABLE

Open 24 hours a day
365 days a year
(717) 394-2611
LANCASTER STOCK YARDS

AUCTIONS
MONDAY
9:00 A.M. —Slaughter Bulls, Heifers, Steers, Cows
10:00 A.M. —Goats, Veal Calves, Lambs
12 Noon —Slaughter Hogs
WEDNESDAY
8:00 A.M. —Slaughter Hogs
10:00 A.M. —Slaughter Bulls, Heifers, Steers, Cows
11:00 A.M. —Veal Calves, Lambs
FRIDAY
11:00 A.M. —Stocker and Feeder Cattle
SATURDAY
8:00 A.M. —Slaughter Hogs

HOLIDAY SCHEDULE
Closed Saturday, Dec. 23
And Monday, Dec. 25
Closed Saturday, Dec. 30
And Monday, Jan. 1

LANCASTER STOCKYARDS, INC.
1147 Lititz Pike Lancaster, Pennsylvania 17601
Serving The Community For 90 Years

HAY, STRAW & CORN
— SALE —
Every Friday At 11 AM
GREEN DRAGON MARKET & AUCTION
RD No. 4 Ephrata, Pa. 717-738-1117
1 mile North of Ephrata on N. State St.
Out of State Buyers - Cash or Certified Check Only

VINTAGE SALES STABLES, INC.
Sale Every Tuesday
10:30 A.M.
Slaughter Cattle Auction - Steers, Bulls, Heifers, Cows, Feeder Cattle.
Get calves in early. We start to grade and weigh at 1:00.
Business Phone
717-768-8204
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215-458-8518
L. Robert Frame, Pres.
Glenn S. Frame, Mgr.
Box 100 Paradise, PA
10 miles East of Lancaster on Rt. 30

B&R CATTLE CO.
RD 1, Marietta, PA 17547
Office Phone:
(717) 653-8164
Specializing In Stockers & Feeders
JOHN BOWMAN
Ph (717) 653-5728
RON RANCK
Ph (717) 656-9849

LEBANON VALLEY LIVESTOCK MARKET, INC.
1 mile East of Fredericksburg along Rt. 22
PHONE JONESTOWN 865-2881
Flea Market Auction every Tuesday at 12:30. Tools, Eggs, Produce, etc.
Buyers & Sellers Welcome

Hog Markets

New Holland Feeder Pig Auction

Lancaster, Pa.
Wednesday, December 20, 1989

Feeder Pigs:

Today	1087
Last Wednesday	674
Last Year	985

TREND: Compared to last Wednesday feeder pigs 7.00-10.00 higher, extremes 20 00 higher on weights under 40 lb. All pigs weighed on arrival and sold by the hundred weight.

GRADE HEAD WEIGHT PRICE US 1-2 79 36-37 126.00-137.00. 195 40-49 95 00-110.00. 50 50-59 90.00-103.00. 114 60-66 86.00-95.00. 18 72 77.00. 31 80-93 61 00-64.00.

US 2 87 45-48 84.00-98.00. 9 59 90 00-92.00.

US 2-3 32 34-38 112.00-118.00. 91 50-56 78.00-88.00. 5 80-98 46.00-56.00.

SLAUGHTER 76 21-22 172.00-184.00. 43 23-27 134.00-155.00.

Peoria Hogs

Peoria, Illinois
Thursday, December 21, 1989

FEDERAL-STATE OPENING, MID-SESSION AND CLOSE HOG: 2000 TRADING ACTIVE. BARROWS AND GILTS MOSTLY 1.

HIGHER COMPARED WITH WEDNESDAY SUPPLY MAINLY US 1-3 230-260 LBS.

US 1-3 220-250 LBS. 52.00-52.50 2-3 240-260 LBS. 51.50-52.00 260-280 LBS. 49.50-51.50.

SOWS: 1.50 TO 3.00 HIGHER 20%.

US 1-3 325-500 LBS. 43.00-45.00 500-650 LBS. 48.00-48.50.

BOARS: OVER 350 LBS. 41.50 UNDER 350 LBS. 39.00.

HOG 214 HC 52.00-52.50 HD 52.00-52.50 HE 52.00-52.50 HI 52.00-52.50 HJ 52.00-52.50 HK 52.00-52.50 HQ 51.50-52.00 HR 50.50-51.50 VV 43.00-45.00 WW 43.00-45.00 XX 48.00-48.50 YY 48.00-48.50 ZZ 41.50-41.50.

New Holland Hogs

Lancaster, Pa.
Monday, December 18, 1989

Hog Receipts:

Today	1549
Last Monday	1239
Last Year	1364

TREND: Compared to last Monday barrows and gilts 2.00-2.50 higher.

BARROWS AND GILTS: US 1-2 200-250 lb 52.00-53.50.

US 1 200-240 lb 54.00-56.00.

US 1-3 220-265 lb 49.75-51.50.

US 3-4 Couple lots 285-310 lb 47.00-47.50.

Lancaster Hogs

Lancaster Stockyards
Sat., December 16, 1989
Report supplied by auction

1123 HEAD.

US 1 210-245 LBS. 54.00-54.50.

US 1-2 215-245 LBS. 53.00-54.00.

US 1-3 215-245 LBS. 51.50-53.00.

US 2-4 215-255 LB. 50.00-51.50, 195-210 LBS. 47.00-48.50.

SOWS: ALL WEIGHTS 35.00-40.00.

HEAVY BOARS: 30.00-32.50.

LIGHT BOARS: 39.00-40.50.

THERE WILL BE NO SALE SATURDAY, DECEMBER 23, OR SATURDAY, DECEMBER 30.

State Graded Feeder Pig Sale

at Westminster
Livestock Auction
Dec. 15, 1989

1,129 PIGS. 2 WEEKS AGO 937, PRICES WERE $2-10 HIGHER. STRONG DEMAND FOR LIGHTWEIGHTS AND CULLS FROM SLAUGHTER BUYERS. ALL PIGS WEIGHED ON ARRIVAL AND SOLD BY THE HUNDREDWEIGHT.

GRADE 1&2: 22 HD. 24-27 LBS. 121.00-150.00; 76 HD. 31-41 LBS. 99.00-116.00; 222 HD. 39-49 LBS. 90.00-96.00; 261 HD. 49-56 LBS. 85.00-94.00; 173 HD. 53-59 LBS. 80.00-83.00; 176 HD. 63-68 LBS. 76.00-82.00; 40 HD. 70-74 LBS. 70.00-72.00; 51 HD. 80-92 LBS. 63.00-65.00; 26 HD. 107-137 LBS. 48.50-50.50.

GRADE 2: 4 HD. 27 LBS. 100.00; 14 HD. 35-37 LBS. 83.00-92.00; 27 HD. 41-45 LBS. 80.00-85.00.

CULLS: 4 HD. 20-40 LBS. 50.00-60.00; 6 HD. 50-60 L BS. 76.00-80.00; 3 HD. 65-80 LBS. 59.00-60.00.

NEXT STATE GRADED SALE FRI., JAN. 5TH.

St. Louis Hogs

Thursday, December 21, 1989

2000 - BARROWS & GILTS VERY ACTIVE ON LIMITED RECEIPTS, OVER 230 LB. MOSTLY 2.00 HIGHER, INSUFFICIENT VOLUME WEIGHTS UNDER 230 LB. TO ESTABLISH A MARKET.

US 1-2 230-270 LB. 52.50-53.00, 200-230 LB. SCARCE.

US 2-3 270-300 LB. 50.00-52.00.

SOWS: UNEVEN, WEIGHTS UNDER 500 LB. STEADY-50 HIGHER, OVER 500 LB. STEADY TO 1.00 LOWER. (AROUND 12%).

US 1-3 300-500 LB. 42.50-43.00, 500-600 LB. 47.00-49.00, OVER 600 LB. 49.00-50.00.

BOARS: OVER 300 LB. 40.50-41.50; UNDER 300 LB. 40.00-40.50.

Hay & Grain Markets

Pa. Grain

December 18, 1989
Report supplied by PDA

COMPARED WITH LAST MONDAY'S MARKET FOR SOUTHEASTERN, CENTRAL AND SOUTH CENTRAL PA: CORN STEADY TO .02 HIGHER; WHEAT MOSTLY STEADY, SPOTS TO .06 HIGHER; BARLEY STEADY TO .04 HIGHER; OATS STEADY TO .05 HIGHER; SOYBEANS STEADY TO .06 HIGHER; NEW EAR CORN STEADY TO STRONG.

SOUTHEASTERN PENNSYLVANIA

CORN NO. 2-Y RANGE 2.60-2.85, AVERAGE 2.75; @WHEAT NO. 2 RANGE 3.80-4.50, AVERAGE 4.14, FEW REPORTED CONTRACT FOR HARVEST 3.41-3.46; BARLEY NO. 3 RANGE 1.95-2.40, AVERAGE 2.15, FEW REPORTED CONTRACT FOR HARVEST 2.00; OATS NO. 2 RANGE 1.50-2.00, FEW REPORTED 1.30, AVERAGE 1.73; SOYBEANS NO. 1 RANGE 5.30-5.93, AVERAGE 5.66; FEW REPORTED GR. SORGHUM #2 RANGE 2.40, AVERAGE 2.40; FEW REPORTED NEW EAR CORN RANGE 62.00-75.00, AVERAGE 69.54.

SOUTH CENTRAL PENNSYLVANIA

CORN NO. 2-Y RANGE 2.50-2.85, AVERAGE 2.69; @WHEAT NO. 2 RANGE 3.50-3.90, FEW REPORTED 4.20, AVERAGE 3.74; BARLEY NO. 3 RANGE 1.85-2.25, FEW REPORTED 2.40, AVERAGE 2.10; OATS NO. 2 RANGE 1.30-1.80, AVERAGE 1.57; FEW REPORTED SOYBEANS NO. 1 RANGE 5.65, AVERAGE 5.65; FEW REPORTED NEW EAR CORN RANGE 55.00-70.00, AVERAGE 61.67.

SOUTHEASTERN, CENTRAL & SOUTH CENTRAL SUMMARY

CORN NO. 2-Y RANGE 2.60-2.85, AVERAGE 2.75; @WHEAT NO. RANGE 3.50-4.50, AVERAGE 3.97; BARLEY NO. 3 RANGE 1.85-2.40, AVERAGE 2.13; OATS NO. 2 RANGE 1.30-2.00, AVERAGE 1.67; SOYBEANS NO. 1 RANGE 5.30-5.93, AVERAGE 5.62; FEW REPORTED NEW EAR CORN RANGE 55.00-75.00, AVERAGE 66.04.

CENTRAL PENNSYLVANIA

CORN NO. 2-Y RANGE 2.70-2.90, AVERAGE 2.78; @WHEAT NO. 2 RANGE 3.80-4.20, FEW REPORTED 3.40, AVERAGE 3.92; BARLEY NO. 3 RANGE 2.00-2.25, AVERAGE 2.14; OATS NO. 2 RANGE 1.60-1.75, FEW REPORTED 2.00, AVERAGE 1.70; SOYBEANS NO. 1 RANGE 5.40-5.80, AVERAGE 5.55; FEW REPORTED PER HUNDREDWEIGHT BUCKWHEAT RANGE 9.15, AVERAGE 9.15, FEW REPORTED NEW EAR CORN RANGE 62 00-67 00, AVERAGE 64 80

WESTERN PENNSYLVANIA

CORN NO. 2-Y RANGE 2 55-2 85, AVERAGE 2 74, @WHEAT NO 2 RANGE 3.30-4 10, AVERAGE 3 75, BARLEY NO 3 RANGE 2 10, AVERAGE 2.10, OATS NO 2 RANGE 1 50-1.90, AVERAGE 1.70, FEW REPORTED SOYBEANS NO 1 RANGE 5 55, AVERAGE 5 55; FEW REPORTED NEW EAR CORN RANGE 70.00-72 00, AVERAGE 70 67

MONTH AGO

CORN NO. 2-Y 2 72, @WHEAT NO 3.86; BARLEY NO. 3 2.05; OATS NO 2 1.59; SOYBEANS NO. 1 5.59, FEW REPORTED EAR CORN 61.89

YEAR AGO

CORN NO. 2-Y 3 11; @WHEAT NO 3 91; BARLEY NO. 3 2.48; OATS NO. 2 2.42; SOYBEANS NO 1 7.39; FEW REPORTED NEW EAR CORN 83 59

Regional Hay

December 18, 1989
Eastern, Pa.

HAY & STRAW MARKET FOR EASTERN PA - (ALL HAY NO. 2 AND BETTER, PRICES PAID BY DEALERS AT THE FARM & PER TON). HAY AND STRAW MOSTLY STEADY.

ALFALFA 90.00-110.00, FEW 120.00; MIXED HAY 80.00-110.00; TIMOTHY 80.00-110.00, FEW 120.00; STRAW 60.00-100.00; MULCH 20.00-40.00.

LANCASTER CO. HAY AUCTIONS

SUMMARY OF LANCASTER CO. HAY AUCTIONS FOR WEEK ENDING 12/15/89. PRICES PER TON: LOADS: 283 HAY, 85 STRAW, AND 17 EAR CORN.

ALFALFA 108.00-158.00; MIXED HAY 88.00-157.00; TIMOTHY 100.00-157.00; STRAW 79.00-135.00; EAR CORN 82.00-97.00.

CENTRAL PA. HAY AUCTIONS

SUMMARY OF CENTRAL PA. HAY AUCTIONS FOR WEEK ENDING 12/15/89. PRICES PER TON: LOADS: 180 HAY, 25 STRAW & 1 EAR CORN.

ALFALFA 100.00-155.00; MIXED HAY 80.00-145.00; TIMOTHY 80.00-120.00; STRAW 55.00-85.00; EAR CORN LOAD 60.00.

Green Dragon Hay

Ephrata, Pa.
Friday, Dec. 15, 1989
Report Supplied by Auction

TOTAL LOADS. 150.
MIXED HAY: 60.00-185 00
ALFALFA· 70 00-205.00
TIMOTHY. 68 00-157 00
ORCHARD GRASS. 81 00-125 00
CLOVER. 67 00.
CORN FODDER. 55 00 LOAD
STRAW: 62 00-122 00
EAR CORN· 70.00-98 00
OATS. 2 50-3 00 BU.
FIREWOOD: 57 00 LOAD

New Holland Hay

New Holland, Pa.
Monday, Dec. 18, 1989
Report Supplied by Auction

TOTAL LOADS: 218.
ALFALFA: 75.00-210.00.
TIMOTHY: 95.00-162.00.
MIXED HAY: 57.00-222.00.
STRAW: 72.00-160.00.
CORN: 85.00-107.00.
ORCHARD GRASS: 77.00-105.00.
OATS: 2.15-2.65 BU.
STRAW CLIPPINGS: 51.00.
BEAN STUBBLE: 45.00-120.00.

Keister's Hay

Middleburg, PA
Tuesday, Dec. 19.
Report supplied by auction

57 LOADS OF HAY.
ALFALFA: 120.00-160.00.
MIXED HAY: 40.00-157.50.
STRAW: 13 LOADS, 50.00-72.50.
EAR CORN: 72.00 AND 77.50.
OATS: 1.90-2.70 BU.
WOOD: 13 LOADS, 25.00-60.00 LOAD.

Leinbach's Hay

Shippensburg, PA
Dec. 16 and 19
Report Supplied by Auction

TOTAL LOADS: 77.
ALFALFA: 90.00-206.00.
MIXED HAY: 58.00-151.00.
TIMOTHY: 70.00-127.00.
BROME GRASS: 75.00-97.00.
ORCHARD GRASS: 67.00-101.00.
STRAW: 51.00-90.00.
WOOD: 35.00-51.00 PICK-UP LOAD.

Market News Service

Some of the information on ***Lancaster Farming's*** market pages is obtained from ACRES, a copyrighted farm and market news service developed by the American Farm Bureau and available to Pennsylvania farmers on a daily basis through Pennsylvania Farmers' Association Farm Management Services. Phone: (717) 761-2740.

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HOLIDAY SCHEDULE
Closed Saturday, Dec. 23
And Monday, Dec. 25
Closed Saturday, Dec. 30
And Monday, Jan. 1

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In this issue

Four Sections

DEPARTMENTS

Editorial	A10
Farm Calendar	A10
Classified Ads	B25,C 4
Business News	D 6
Sale Reports	D21
Mailbox Markets	D24
Public Auction Register	D28

DAIRY

DHIA Focus	A24
Md. 4-H'ers Attend Nat. Congress	A30
Dairy Genetics	A35
Lancaster DHIA	D11
Perry DHIA	D17
Potter DHIA Mtg.	A37

FEATURES

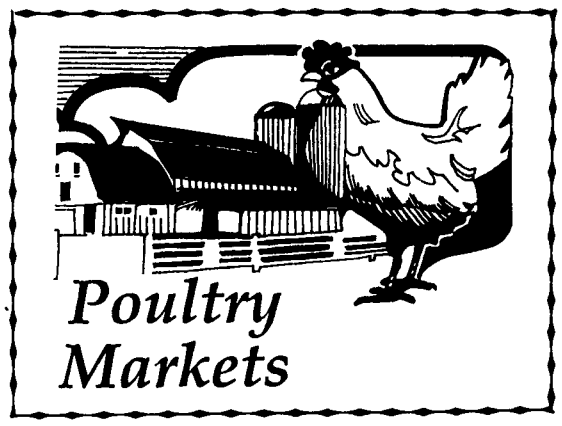
Chinese Educators Visit	A26
Seedsman Support Act Protection Changes	A36
Profitable Business For Retirees	B14
York 4-H Dairy Club	B19
4-H Horse Winners	B24

HOME AND YOUTH

Homestead Notes	B 2
Home On The Range	B 6
Cook's Question Corner	B 8
Kid's Korner	B10
Farm Women Societies	B17

COLUMNS

Now is the Time	A10
On Being A Farm Wife	B 4
Have You Heard	B 5
Microwave Minutes	B11
Ida's Notebook	B16
Pork Prose	D 2
Poultry Pointers	D 9



N.E. Weekly Shell Egg Report

Tuesday, December 19
Report Supplied by USDA

PRICES PAID PER DOZEN GRADE "A" BROWN EGGS IN CARTONS DELIVERED TO RETAIL STORES:

	EX. LARGE	LARGE	MEDIUM	SMALL
N. HAMP.	1.18-1.22	1.17-1.21	.97-1.01	.69-.73
MOSTLY	1.20-1.21	1.19-1.20	.99-1.00	.71-.72
RHODE ISLAND	1.21-1.25	1.20-1.24	.99-1.03	.71-.75
MOSTLY	1.21	1.20	.99	.71
VERMONT	1.20-1.29	1.15-1.25	.95-1.09	
MOSTLY	1.25	1.22	1.02	
MAINE	1.25-1.30	1.24-1.29	1.04-1.09	.76-.81

New York Egg Market

Wednesday, December 20, 1989

Prices were higher on large and extra large, unchanged on mediums. Trade sentiment was mostly steady to fully steady. Distributive movementcontinued fair to good. Supplies were usually adequate with trucking and running time the biggest obstacles to overcome as the holiday weekendapproached.

PRICES TO RETAILERS - SALES TO VOLUME BUYERS, CONSUMER GRADE A WHITE EGGS IN CARTONS DELIVERED STORE DOOR, CENTS PER DOZEN: A EXTRA LARGE 1 02-1 04, A LARGE .99-1.02, A MEDIUM .90- 93

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Heinsey Poultry

Roots, East Petersburg
Tuesday, December 19, 1989

Muscovy Ducks, Drakes Range .92-1.08.
Hens .62-.74.
Pekin Ducks .30-.44.
Pullets 5-7# .38-.44.
Red Fowl: 4-4.5# .14-.32, 5-6# .40-.64.
Crossbred Roosters: 4-6# .30-.64, 7-12# .30-.52.
Crossbred Fowl: 5-9# .30-.52.
Banty Roosters 2.00-4.50 ea.
Banty Hens .75-1.75 ea.
Guinea Pigs .75-4.00 ea.
Kid Goats 15.00-43.00 ea.
Guinea Fowl 1.40-1.65.
Geese 8-16# .60-1.08.
Pigeons 1.75-2.00 ea.
White Pigeons 2.25-2.75 ea.
Rabbits: 4-6# 1.20-1.70, 7-11# 1.00-1.32.
Capons 11-13# .42-.54.
Leghorn Roosters .24-.36.
Leghorn Hens .20-.34.
Bunnies .50-3.50 ea.
Doves 1.00-2 50 ea.
Chukars 3.85-4.10 ea.
Silkies 2 50-4.00 ea.
Total Coops Sold 904.

New England Shell Eggs

Wednesday, December 20, 1989

Prices were unchanged to higher on loose eggs, unchanged on cartoned. Trade sentiment was fully steady to occasionally firm. Retail demand continued seasonally good. Supplies were in close balance for immediate needs.

PRICES PAID TO PRODUCERS FOR LOOSE BROWN EGGS AT FARM, CASES EXCHANGED, GRADE YIELD BASIS, CENTS PER DOZEN: RANGE JUMBO 1.05-1.08, EX LARGE .93-.96, LARGE .92-.95, MEDIUM .71-.74, SMALL .43-.46.

BOSTON: PRICES TO RETAILERS - SALES TO VOLUME BUYERS, CONSUMER GRADE BROWN EGGS IN CARTONS DELIVERED STORE DOOR, CENTS PER DOZEN: A EXTRA LARGE 1.11-1.13, A LARGE 1.10-1.12, A MEDIUM .90-.92.

GREETINGS OF

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Weekly New York Egg Market Northeast Quotes

From Fri., Dec. 15 to Thurs., Dec. 21

	FRI.	MON.	TUES.	WED.	THURS.
WHITE					
JUMBO	1.07	1.07	1.07	1.08	1.11
EX. LARGE	1.07	1.07	1.07	1.08	1.11
LARGE	1.03	1.03	1.03	1.04	1.07
MEDIUM	.95	.95	.95	.95	.96
PULLETS	.76	.76	.76	.76	.76
OFF GRADE	.91	.91	.91	.92	.95
BROWN					
EXTRA LARGE	1.20	1.20	1.20	1.21	1.23
LARGE	1.15	1.15	1.15	1.16	1.18
MEDIUM	1.03	1.03	1.03	1.03	1.05
OFF GRADE					
UNDERGRADES AND CHECKS	.51	.51	.51	.51	.51

BREAKING STOCKS: FRI. 42-44 LBS. UNQUOTED; 48-50 LBS. 62.00-64.00, 50 LBS. AND UP 65.00-66.00.

Delmarva Broiler Fryer Market

Wednesday, December 20, 1989

Movement of ready-to-cook whole fryers was no better than fair today.Buyers took their regular commitments but showed no interest in additional product. Supplies are more than adequate for current needs. Less thantrucklot asking prices were steady at 47-57 cents. Live supplies wereadequate. Average live weights ranged desirable to heavy. Today'sprocessing schedules were also heavy. The trade sentiment was barelysteady. In the parts complex, supplies of wings were in close balance,other items were fully adequate to ample and slow to clear in most areas.

ESTIMATED SLAUGHTER OF BROILER/FRYERS IN DELMARVA (000) ESTIMATED ACTUAL AVG. WGT. ACTUAL AVG. WGT.12/20 12/18 12/18 12/13 12/112,067 1,750 4.68 1,811 4.71.

NEW YORK MULTIPLE DROP BROILER REPORT: CURRENT BROILER/FRYER NEGOTIATED PRICES FOR IMMEDIATE DELIVERY INCLUDES MOSTLY MULTIPLE-DROP SHIPMENTS OF BRANDED AND WING TAGGED TO NEW YORK CITY FROM DELMARVA.

BRANDED U S. GRADE ARANGE 47-57WEIGHTED AVERAGE 51.28NO. OF BOXES 8,081.

Northeast Chicken Parts

Thursday, December 21, 1989

NORTHEAST BROILER/FRYER PARTS: PART 1 OF 2: FEDERAL-STATE Trucklot buying interest remained sluggish for the most part and some discounting continued; however, overall offerings had decreased and product was not as freely available as earlier. Boneless-skinless and whole breasts remained fully adequate to ample. Leg items were in longest balance, particularly leg quarters which sold as low as 17 cents in trucklot volume Wings were in best balance and generally adequate at most points

TODAYS NEGOTIATED SALES AS OF 11.30 A.M., PRICES PAID PER POUND ON ICE PACKED PARTS DELIVERED IN POOL TRUCKLOT AND TRUCKLOT QUANTITIES

ITEM CURRENT NEGOTIATED TRADING BREASTS SKINNED BONELESS 165 RIBS ON 70-71 LINE RUN 70 LEGS 31-32 LEG QUARTERS 20-21 WINGS 56-57 BACKS & NECKS 10-12 LIVERS 20 GIZZARDS (HEARTS) 45 Includes New York City Metropolitan area, Northern New Jersey, Massachusetts, Connecticut and Rhode Island.

Eastern PA & New Jersey Poultry

Atlanta, Georgia
Wednesday, December 20, 1989

EASTERN PENNSYLVANIA AND NEW JERSEY LIVE POULTRY REPORT: Prices trending slightly lower as processor interest slowed. Offerings wereat least adequate for needs. Undertone unsettled.

LIVE LIGHT TYPE HENS AT FARM (PRODUCER LOADING) 08-10 M 10 CENTS FOB PLANT.

National Egg Market

Wednesday, December 20, 1989

NATIONAL EGG MARKET - AT A GLANCE: Trade sentiment was steady to fully steady. Holiday buying activity was generally good with some difficulty in lining up trucking reported. Supplies were usually in balance with needs although running time was the mostdifficult factor in filling orders. Breakers worked on previous commitmentsand were very cautious in seeking new business.

New York & Phila. Frozen Eggs

Tuesday, December 19, 1989

Trading activity was limited and generally on an as needed basis. Raw material costs usually exceeded finished product price break even points forcing most breakers to run minimal schedules and await further market developments Floor stocks were light but sufficient to satisfy current needs.

WHOLESALE SELLING PRICES (CENTS PER POUND IN 30 LB. CONTAINERS) U.S.D.A. INSPECTED CLASS TRUCKLOTS LTL (MIN. 25 CONT.) WHOLE 66-70 MOSTLY 67-68 70-77 BLENDS (/) - MOSTLY - 64-74 WHITES 55-60 MOSTLY 56-57 61-70 YOLKS (MIN. 43% SOLIDS) SUGARED 66-70 MOSTLY 67-69 71-78 SALTED 60-63 MOSTLY 61-62 63-70 (/)-WHOLE PLUS YOLK PLUS SWEETENER, GENERALLY 28-32% EGG SOLIDS.

Hackettstown Poultry & Egg

Hackettstown, N.J.
Tuesday, December 19, 1989
Report Supplied by Auction

HEAVY FOWL: .40-.80.
LIGHT FOWL: .15.
BANTAMS: .30-.85.
ROOSTERS: .50-1.40.
DUCKS: .30-1.00.
RABBITS: .60-1.45.
PIGEONS: 1.50-2.00.
GUINEAS: 1.50-1.90.
GEESE: .20-.45.
TURKEYS: .25-.90.
BUNNIES: 1.75-4.25 EACH.

WHITE EGGS: EXTRA LARGE & JUMBO 1.04-1.06, LARGE .65-1.02, MEDIUMS .55-.80; PULLETS .42.

BROWN EGGS: EXTRA LARGE & JUMBO 1.05-1.10, LARGE .81-.97 MEDIUMS .59-.71, PULLETS .40-.45.

Philadelphia Eggs

Thursday, December 21, 1989
Report Supplied by USDA

MARKET COMMENT: THE TRADE SENTIMENT RANGED STEADY TO INSTANCES FIRM. MOVEMENT OF CARTONED EGGS WAS FAIRLY GOOD IN MOST AREAS AS CONSUMERS CONTINUED BUYING FOR THEIR HOLIDAY NEEDS. SUPPLIES OF LARGER SIZES WERE CLOSE TO IMMEDIATE NEEDS AND MEDIUMS WERE BARELY ADEQUATE TO ADEQUATE.

A EXTRA LARGE .97½ -1.05, A LARGE .95½ -1.03, A MEDIUM .88-.91.

New Holland Horses

New Holland Sales Stables
New Holland, PA
Monday, Dec. 18, 1989
REPORT SUPPLIED BY AUCTION

REGISTERED RECEIPTS OF 269 HEAD OF HORSES, MULES AND PONIES. MARKET LOWER ON HORSES EXCEPT FEW BETTER DRIVING HORSES SOLD HIGHER.

LOCAL WORK HORSES AND MULES: 410.00-720.00.
LOCAL DRIVERS AND RIDERS: 250.00-730.00.
LOAD OF STANDARD BRED DRIVERS: FEW SMALL 355.00-585.00, BETTER5 HORSES UP TO 1125.00.
FEW SADDLEBREDS: 700.00-650.00.
LARGE PONIES: 185.00-270.00.
SMALL PONIES: 35.00-175.00.
FEW SMALL COLTS: 10.00-25.00.
LIGHTWEIGHT KILLERS: 200.00-350.00.
HEAVYWEIGHT KILLERS: 400.00-650.00.
SEVERAL THIN HORSES: 100.00-200.00.

A Blessed Christmas

***The miraculous light of a star shone in the heavens,
and angel voices heralded the coming of
the Saviour, on that Holy Night nearly two thousand years ago.
May the spirit of the Nativity be with us in this blessed
Christmas season, and may it inspire us always
in our hope for peace, brotherhood and understanding.***

pennfield feeds

National Grain Market

St. Joseph, Mo.
Wednesday, December 20, 1989

USDA DAILY NATIONAL GRAIN MARKET SUMMARY GRAIN PRICES MIXED ON WEDNESDAY. WHEAT PRICES HIGHER ON NEWS THAT U.S.S.R. WAS TARGETED FOR 2 MILLION TONS OF U.S. WHEAT UNDER EXPORT BONUS PROGRAM AND CHINA'S INTEREST IN 410,000 TONNES OF U.S. WHEAT UNDER EXPORT BONUS PROGRAM. CORN PRICES ADVANCED, STRENGTH CAME FROM NEWS THAT MEXICO IS IN THE MARKET FOR 200,000 TONNES OF U.S. CORN. SOYBEAN PRICES FELL, DESPITE SOME IMPROVED EXPORT INTEREST.

EXPORT NEWS: CHINA BOUGHT 125,000 TONNES HARD RED WINTER WHEAT FOR 89/90 MARKETING YEAR.

NORWAY BOUGHT 25,000 TONNES OF U.S. SOYBEANS FOR JANUARY AND FEBRUARY.

DATE CHANGE YEAR AGO 12/20/89 12/19/89 12/21/88 WHEAT: KANSAS CITY 4.26-4.30 NC 4.22-4.23 MINNEAPOLIS 4.27 1/4-4.29 1/4 DN 1 3/4-UP 1/4 4.27 1/2 PORTLAND 4.63-4.65 UP 1 4.82-4.85 ST. LOUIS 4.14-4.20 DN 1-UP 1 4.33-4.37.

CORN, U.S. NO. 2 YELLOW: KANSAS CITY 2.41-2.46 UP 1-2 2.74-2.76 MINNEAPOLIS 2.18 1/2 DN 2 1/4 2.61 3/4 SO. IOWA 2.30-2.34 NC-UP 1 2.59-2.69 OMAHA 2.27-2.30 NC 2.61-2.64.

SOYBEANS, NO. 1 YELLOW: KANSAS CITY 5.75-5.80 DN 2 7.88-7.94 MINNEAPOLIS 5.56 1/2 DN 5 7.75 1/2 SO. IOWA 5.66-5.72 DN 5 7.76-7.78 C. ILL. PROCESSORS 5.76-5.84 DN 6 1/2 7.96 1/2-8.01 1/2.

KANSAS CITY, US NO. 1 HARD RED WINTER WHEAT, ORDINARY PROTEIN. MINNEAPOLIS, US NO. 1 DARK NORTHERN SPRING WHEAT, 14% PROTEIN. PORTLAND, NO. 2 SOFT WHITE WHEAT, ST. LOUIS, NO. 2 SOFT RED WINTER WHEAT.

FUTURES CLOSE: KANSAS CITY (MAR) WHEAT 4.10 NC 4.27 3/4 MINNEAPOLIS (MAR) WHEAT 3.97 1/4 DN 1 3/4 4.10 1/2 CHICAGO (MAR) WHEAT 4.13 DN 1 1/4 4.38 3/4 (MAR) CORN 2.38 1/2 DN 1/4 2.84 3/4 (JAN) SOYBEANS 5.73 3/4 DN 4 3/4 7.95 1/2.

EXPORT: BARGE OR RAIL, PORT OF NEW ORLEANS OR NORTH TEXAS GULF. NO. 1 HARD RED WINTER WHEAT ORDINARY PROTEIN 4.62-4.63 UP 2-1 4.57-4.58 NO. 2 SOFT RED WINTER WHEAT 4.58-4.59 UP 2-NC 4.68-4.69 NO. 2 YELLOW CORN 2.77-2.83 UP 2-6 3.09-3.10 NO.2 YELLOW SORGHUM RAIL 4.74 DN 1 BARGE 4.79 UP 3 5.11-5.16 NO.2 YELLOW SOYBEANS 6.22-6.29 DN 4-2 8.24-8.26.

Frederick Co. Hay

Buckeystown, Md.
Thursday, December 21, 1989
Report Supplied by Auction

52 LOADS. MARKET ABOUT STEADY TO STRONG. DEMAND GOOD. LARGE CROWD.

ALFALFA: 3 LOADS GOOD, 117.00-120.00, 2 FANCY, 155.00-187.00, 3 FAIR, SOME DARK, 77.00-95.00.

TIMOTHY HAY: 8 LOADS FAIR TO GOOD, 100.00-122.00, 3 GOOD OR BETTER, 127.00-147.00, 3 DARK OR DAMAGED, 33.00-65.00.

MIXED HAY: 9 FAIR, 87.00-130.00, 2 DARK, 60.00-65.00.

STRAW: 6 LOADS BRIGHT, 100.00-135.00, 3 DARK, 67.00-97.00, 1 LOAD BIG ROUND BALES, 45.00.

FIREWOOD: 8 LOADS SPLIT OAK, 85.00-100.00 CORD.

Belleville Hay

Wednesday, December 20
Belleville, PA
Report Supplied by Auction

TOTAL LOADS: 51 LDS. HAY.
ALFALFA: 105.00-185.00.
MIXED HAY: 70.00-155.00.
STRAW: 92.50-110.00.

Good's Hay

Leola, Pa.
Wed., Dec. 20, 1989
Report Supplied by Auction

TOTAL LOADS: 124.
ALFALFA: 96.00-188.00.
TIMOTHY: 89.00-149.00.
MIXED HAY: 70.00-220.00.
STRAW: 67.00-128.00.
CORN: 72.00-85.00.
OATS: 2.75-2.85 BU.
GRASS: 93.00-112.00.
BROME GRASS: 90.00.
REED'S CANARY GRASS: 101.00.
BEANSTALKS: 54.00.
ALFALFA HAYLAGE: 68.00.

King's Hay

Kirkwood, Pa.
Tuesday, December 19, 1989
Report Supplied by Auction

TOTAL LOADS: 47.
ALFALFA: 117.00-186.00.
ALFALFA MIX: 100.00-136.00.
TIMOTHY AND TIMOTHY MIX: 95.00-170.00.
CLOVER AND CLOVER MIX: 106.00-152.00.
MIXED HAY: 100.00-130.00.
GRASS HAY: 100.00-106.00.
STRAW: 86.00-125.00.
FIREWOOD: 49.00-58.00 PICKUP LOAD.

Westminster Hay

Westminster, Md.
Tuesday, Dec. 19, 1989
Report Supplied by Auction

TOTAL LOADS: 48.

ALFALFA: VERY GOOD, 127.50-147.50, SOME GOOD, 90.00-104.00, 2.40-3.50 BALE, WITH MOLD.

ALFALFA MIX: 115.00-120.00.

TIMOTHY: 79.00-127.50, 95 CENTS-2.10 BALE.

TIMOTHY MIX: 132.50, 1.45-1.80 BALE.

GRASS HAY: 1.60 BALE.

STRAW: 80.00-115.00, 90 CENTS-1.50 BALE.

WOOD: 44.00-89.00 CORD.

INT. 460 TRACTOR: 2410.00.

North Jersey Market

Hackettstown, N.J.
Tuesday, Dec. 19, 1989
Hay—Straw & Grain Report

MIXED HAY: 2 LOADS, 2.00 AND 2.40 BALE.

GRASS HAY: 2 LOADS, 2.20 BALE.

4 LOADS TOTAL.

Greencastle Hay Market

Hay & Straw
December 14 & 18, 1989

49 LOADS.

ALFALFA (GOOD) 130.00-176.00/-TON; ALFALFA (FAIR) 95.00-127.50/TON; ALFALFA MIXED 110.00-140.00/TON; TIMOTHY HAY 77.50-105.00/TON; MIXED HAY 80.00-110.00/TON; BROOM GRASS 75.00-97.50/TON; STRAW- WHEAT 70.00-85.00/TON; STRAW- BARLEY 70.00-80.00/TON.

Dewart Hay

Dewart, PA.
Monday, Dec. 19, 1989
Report Supplied by Auction

31 LOADS HAY, 73.00-135.00.
STRAW: 4 LOADS, 80.00-92.00.
WOOD: 9 LOADS, 37.00-89.00.
CORN: 2 LOADS, 80.00 AND 82.00.

Chester County Hay

Coatesville, PA
Wed., Dec. 20

TOTAL LOADS: 7.
TIMOTHY: 140.00-150.00.
ALFALFA: 165.00-210.00.
TIMOTHY MULCH: 82.00.
MIXED HAY: 155.00.

NOTICE

NO SALE MONDAY, DECEMBER 25
AT NEW HOLLAND SALES STABLES, INC.
NEW HOLLAND, PA.
The Following Sales Will Be Held
Tuesday, Dec. 26
Hog Sale- 8:00 A.M.
Hay Sale- 11:00 A.M.
Abe Diffenbach, Auct. 225L

HAY, STRAW & GRAIN SALE
Every Thursday at 1 p.m.

Vintage Sales Stables, Inc.
(Rt. 30, 10 miles east of Lancaster In Paradise, PA)

For info.
717-442-4181 business
215-458-8518 home
L. Robert Frame, Sr. president
Glenn S. Frame, Mgr.

HERE TO STAY!
NEW HOLLAND SALES STABLES, INC.
THE ACTION AUCTION

MONDAY

SLAUGHTER HOGS

EARLY BIRD HOG SALE
7:30 AM
For Your Protection Your Hogs Must Be Identified
No Sale Mon., Dec. 25 - Sale Held Tues., Dec. 26 8:00 A.M.

10:00 AM

HORSES MULES

11:00 AM

HAY
STRAW
GRAIN

No Sale Mon., Dec. 25
Sale Held Tues., Dec. 26
11:00 A.M.

1:30 PM
BEEF SALE
CALF, SHEEP, GOATS

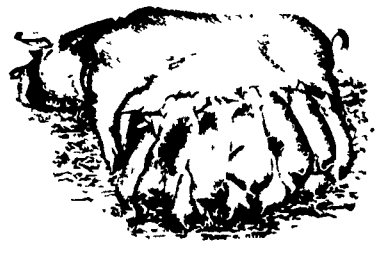
WEDNESDAY
11:00 A.M.

DAIRY COWS

HEIFERS, BULLS

NEW HOLLAND SALES STABLES, Inc.
12 Miles East of Lancaster
on Route 23, New Holland. Penna.
717-354-4341
Mgr. - Abe Diffenbach - 717-393-4464
Norman Kolb - 717-397-5538
Field Representatives
Alan Diffenbach 717-354-3297
Luke Eberly 215-267-6608 - 738-1865

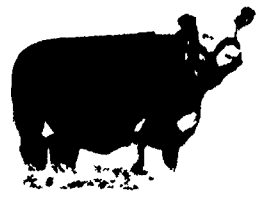
WEDNESDAY - 1:30 P.M.
FEEDER PIG SALE



We endeavor to keep our barns cleaner than yours. State graded until 12 Noon

THURSDAY
10:00 AM

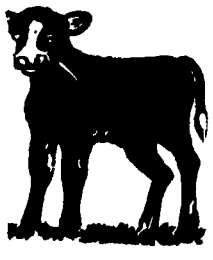
BULLS -

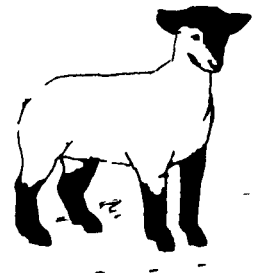


STEERS - BEEF COWS

1:30 P.M.

CALVES





SHEEP GOATS

Market your livestock thru New Holland Sales, your neighbor does.
Pick-up your check before you leave

Central U.S. Carlot

Beef Report
December 20, 1989
Report supplied by USDA

CENTRAL U.S. CARLOT BEEF REPORT (INCLUDES THE MAJOR PRODUCTION AREAS IN THE MIDWEST, TEXAS AND OKLAHOMA) AS OF 3 P.M.

COMPARED TO TUESDAY'S 3:00 P.M. REPORT, CHOICE 3 1.00 HIGHER, OTHER CARCASS TYPES STEADY. DEMAND MODERATE TO GOOD IN THE FACE OF LIGHT OFFERINGS. MOVEMENT MODERATE TO SLIGHTLY ACTIVE.

8 LOADS OF STEER CARCASSES AND 12 LOADS OF HEIFER CARCASSES TRADED TO PACKER-PROCESSORS.

SALES REPORTED ON 42 LOADS OF STEER AND HEIFER CARCASSES.

STEER CARCASSES
FOB OMAHA BASIS
12 LOADS REPORTED
CHOICE 3

600-900 LBS. 6 LDS. RANGE 112.00-113.00, LATEST EST. MKT. 113.00.

CHOICE 4

600-900 LBS.4 LDS. RANGE 103.00, LATEST EST. MKT. 103.00.

SELECT 1-3

600-900 LBS. 2 LDS. RANGE 108.00, LATEST EST. MKT. 108.00.

HOLSTEIN TYPE
CHOICE 1-3

600-900 LBS. LATEST EST. MKT. 103.00 B.

SELECT 1-3

600-900 LBS. LATEST EST. MKT. 96.00 B.

HEIFER CARCASSES
FOB OMAHA BASIS
16 LOADS REPORTED
CHOICE 3

550-800 LBS. 9 LDS. RANGE 112.00-113.00, LATEST EST. MKT. 113.00.

500-550 LBS. LATEST EST. MKT. 107.00 D.

400-500 LBS. LATEST EST. MKT. 106.00 D.

CHOICE 4

500-800 LBS. 4 LDS. RANGE 103.00, LATEST EST. MKT. 103.00.

SELECT 1-3

550-800 LBS. 3 LDS. RANGE 108.00, LATEST EST. MKT. 108.00.

400-550 LBS. LATEST EST. MKT. UNQ.

STEER CARCASSES
FOB AMARILLO BASIS
7 LOADS REPORTED
CHOICE 4

600-900 LBS. 7 LDS. RANGE 103.00, LATEST EST. MKT. 103.00.

HEIFER CARCASSES
FOB AMARILLO BASIS
7 LOADS REPORTED
CHOICE 4

500-800 LBS. 7 LDS. RANGE 103.00, LATEST EST. MKT. 103.00.

STEER AND HEIFER
PRIMAL CUTS
0 LOADS REPORTED
CHOICE 3 FOB OMAHA BASIS
HEIFER HINDS

120-165 LBS. LATEST EST. MKT. 122.00 A.

FRONT QUARTERS

135-210 LBS. LATEST EST. MKT. 107.00 A.

COW & BULL CARCASSES
16 LOADS REPORTED

BREAKING UTILITY STEADY; BONING UTILITY UNEVENLY STEADY AND BULL CARCASSES STEADY. DEMAND AND MOVEMENT MODERATE ON LIGHT TO MODERATE SUPPLIES AND OFFERINGS.

UT. BRK 2-4 450 & UP 5 LDS. FOB OMAHA 84.00-85.00, FOB EST. TX & OK UNQ.

UT. BNG 1-3 400 & UP 9 LDS. FOB OMAHA 88.00-91.00, M 88-89, FOB EST. TX & OK, UNQ.

CUTTER 1-2 350 & UP FOB OMAHA 104.00-106.00, M 106 A, FOB EST. TX & OK 104.00-106.00 A.

BULLS 500/UP YG 1 2 LDS. FOB OMAHA 110.00, FOB EST. TX & OK UNQ.

YG 1-3 FOB OMAHA UNQ.

BONELESS PROCESSING
BEEF/BEEF TRIMMINGS
88 LOADS REPORTED

BONELESS PROCESSING BEEF FIRM TO HIGHER ON LIGHT SUPPLIES. 50% BONELESS BEEF STEADY TO FIRM IN LIGHT TO MODERATE MOVEMENT, DEMAND AND SUPPLIES.

90% FR. 16 LDS. FOB OMAHA 148.00-149.50, 9 LDS. FOB EST. TX & OK 148.50-149.00.

90% FZ. 3 LDS. FOB OMAHA 144.00-145.00, 2 LDS. FOB EST. TX & OK 144.00-145.00.

85% FR. 2 LDS. FOB OMAHA 137.00-137.50, FOB EST. TX & OK 137.50 A.

85% FZ. FOB OMAHA 135.00 A, FOB EST. TX & OK UNQ.

75% FR. FOB OMAHA 107.00 A, FOB EST. TX & OK UNQ.

75% FZ. FOB OMAHA 105.00 A, FOB EST. TX & OK UNQ.

65% FR. FOB OMAHA 84.50-86.00 A.

65% FZ. FOB OMAHA UNQ.

50% FR. 41 LDS. FOB OMAHA 57.00-59.00, M 58.

50% FZ. 13 LDS. FOB OMAHA 58.00-59.00.

50% BX FOB OMAHA UNQ.

BULL 92-94 2 LDS. FOB OMAHA 146.00-148.00.

****ABCDE AFTER QUOTES REPRESENTS DAYS SINCE LAST ACTUAL MARKET TEST. QUOTES ARE DROPPED AFTER 5 DAYS OF NO TEST OR BEFORE IF THEY NO LONGER REFLECT CURRENT MARKET CONDITIONS.****

Westminster Livestock Auction

Hagerstown, Md.
Tuesday, Dec. 19, 1989
Report supplied by auction

COWS: UTILITY 50.00-55.50; HIGH DRESSING TO 58.50; CANNERS TO 46.50; SHELLY 46.00 DOWN.

BULLS: 1100-1500 LBS. YG#1 64.00-66.50; YG#2 TO 59.25.

FED STEERS: NO HIGH CHOICE OR PRIME; LOW CHOICE 1200 LBS. 72.00-75.00; SELECT 64.00-69.00; CHOICE HOLSTEINS 1300-1500 LBS. 65.00-70.00.

FED HEIFERS: 975-1100 LBS. LOW CHOICE 70.50-71.75; SELECT TO 65.00.

VEAL CALVES: CHOICE 225 LBS. AT 103.00; GOOD 300 LBS. 72.00-79.00; CULLS 85-120 LBS. 72.00-83.00; 50-80 LBS. 60.00-70.00; WEAK 60.00 DOWN.

FARM CALVES: HOLSTEIN BULLS, 20.00-25.00 LOWER; #1 90-125 LBS. 115.00-140.00; #2 85-110 LBS. 85.00-115.00; HOLSTEIN HEIFERS 100 LBS. UP 110.00-135.00; 80-95 LBS. 80.00-118.00; BEEF X BULLS TO 102.00.

BUTCHER HOGS: 70 HEAD, 1.50 HIGHER. US#1 AND 3 215-260 LBS. 49.50-50.75; US#1 AND 2 280-300 LBS. 48.00-49.50; 195-215 LBS. 46.00-50.00.

BOARS: 6 HEAD TO 32.50.

SOWS: 16 HEAD #1 AND 2 300-425 LBS. 39.00-42.75; #1 AND 3 350-500 LBS. 37.00-39.00.

STOCK CATTLE: 90 HEAD, 60 PER CENT HEIFERS OFFERED. STEERS, MEDIUM FRAME 350-500 LBS. 69.00-75.00; 500-700 LBS. 64.00-71.00; 700-1050 LBS. 65.00-70.00; HOLSTEINS 900 LBS. TO 59.50.

HEIFERS: 55 HEAD. 300-500 LBS. 57.00-69.00; 500-700 LBS. 55.00-67.00; 700-900 LBS. 55.00-65.00.

BULLS: 300-500 LBS. 65.00-69.50; 500-700 LBS. 60.00-65.00; 800-1000 LBS. 56.00-60.00.

LAMBS: 40 HEAD, GOOD DEMAND. GOOD AND CHOICE 80-110 LBS. 57.00-64.00; CHOICE 60-80 LBS. 65.00-68.00; 40-60 LBS. 70.00-75.00; MEDIUM AND GOOD 57.00-65.00.

SHEEP: 25 HEAD, 20.00-28.00; THIN 14.00-20.00.

GOATS: 20 HEAD, LARGE 60.00-85.00; MEDIUM 40.00-60.00; SMALL 25.00-30.00.

PIGS AND SHOATS: LARGER RUN, BY THE HEAD, 120. UNDER 30 LBS. 9.00-18.00; 30-50 LBS. 20.00-27.00; 50-75 LBS. 24.00-35.00; FEW SINGLES 60-80 LBS. 36.00-46.00; BY THE POUND, 60 HEAD, 170-190 LBS. 39.00-43.50; 120-160 LBS. 44.00-45.50.

STOCK BOARS: 2 HEAD, 220-240 LBS. 34.00-36.50.

NOTE: STRONG DEMAND FOR HOGS AND SOWS 350-450 LBS. FROM THE COUNTRY BUTCHERS. SALE AS USUAL DEC. 26.

Take Your Seat, The Performance Is About To Begin.

You'll applaud the performance of Funk's G-Hybrids like G-4543, G-4626 and G-4446 when the curtain falls at harvest time.

A top choice for shelled grain or ear corn in 110 to 120-day maturity areas, G-4543 produces maximum yields even at lower populations. In Delaware hybrid field corn trials, it topped the field with 148.4 bu./A.

G-4626 has it all in a 115 to 120-day maturity hybrid—fast dry-down, outstanding stay-green, superior standability, excellent plant health and exceptional yields. In Delaware trials, G-4626 produced yields up to 200.9 bu./A.

G-4446 delivers superior late season standability, excellent grain quality and high test weights. A multi-purpose, widely adapted hybrid, G-4446 produced a state record 252.4 bu./A. in the 1986 Pa. Five-Acre Corn Club competition.

Get your ticket to superior performance by contacting your local Hoffman sales representative or our Landisville office. Call toll free 1-800-233-0137. In PA: 1-800-732-0456.

Hoffman Seeds, Inc.
Landisville, PA 17538

Dependable Seeds From Dependable People

The limitation of warranty and remedy on the tag attached to each bag of Funk s G-Hybrids and RA Hybrids is a part of the terms of sale thereof
Funk's is a brand name Numbers identify varieties

Shearson Lehman Hutton is a full service brokerage firm fully integrated to serve your hedge and arbitrage needs in all agricultural futures and options contracts. With a worldwide presence and over 80 years of market experience, we have the capabilities to design and tailor trading programs for:

* Farms
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Financial Consultant

SHEARSON LEHMAN HUTTON
An American Express company
MINDS OVER MONEY

FRIDAY, JAN. 12 - 1:00 PM
ON THE FARM MONTHLY

BRED GILT SALE

Sale To Start Promptly Every 4 Weeks

Located 4 miles east of former location, 1 mile off 472 midway between Quarryville & Oxford, PA, 1 mile south of Kirkwood, turn west off 472 at Union Church (Street Rd.) 1 mile to crossroad turn left, 2nd farm on right. Hill Road. Watch for sale signs.

Validated Brucellosis Free Herd #169
Qualified Pseudorabies Free Herd #55
50 to 60 Head

We have White Diamond F2's crossbred to Chester White & some 3-way cross - York, Landrace & Duroc.

Vaccinated for Lepto, Erysipias, Rhinitis, E'Coli, Pasteuerella

Hand mated with Breeding Dates
Local Truck Available
No Hogs Sold On Commission

JOHN B. STOLTZFUS
60 Hill Rd., Kirkwood, Pa.
Abe Diffenbach, Auctioneer AU225L
NEXT SALE FRI., FEB. 9, 1:00 P.M.

THE OLD FARMER'S ALMANAC

DEC. 25-31, 1989

Be of good cheer!

Christmas Day, *Stille Nacht, Heilige Nacht* (Silent Night, Holy Night) is first sung in Oberndorff, Austria . . Dec. 26, Canadian Boxing Day, when gift boxes are expected by postmen, lamplighters, dustmen, and other public functionaries Dec 26 birthdays include entertainer Steve Allen and comedian Alan King (Irwin Kniberg)
Open your door to the stranger and don't shut up your heart

Ask the Old Farmer: Have you ever heard the verb "yaffle" as in an eager-eater dog consuming his food? J B , Conn.
In our section, it's called "whiffling." It refers to inhaling one's grub noisily

Home Hints: Use an egg poacher to quickly heat baby foods

OLD FARMER'S WEATHER FORECAST

New England: Christmas brings a snowstorm, as it rightly should Flurries follow, then more light snow Get out the Cape Racers and sled!

Greater New York-New Jersey: A holiday snowstorm here, too, then clearing and milder. Sunny and mild days finish the week for a perfect vacation

Middle Atlantic Coastal: Christmas snowstorm hits here, as well, but it's sleet in the south Clearing next, then cloudy with flurries in the west

Piedmont & Southeast Coastal: Stormy, rainy, and snowy! The week ends on a slightly milder note: sunny and more seasonable temperatures predominate.

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New Wilmington Livestock Auction

New Wilmington, Pa.
December 18, 1989
Report supplied by PDA

CATTLE 261. COMPARED WITH LAST MONDAY'S MARKET: SLAUGHTER COWS 1.00 TO 2.00 HIGHER. ONE CHOICE SLAUGHTER STEER 74.00; FEW CHOICE HOLSTEINS 67.25-69.50, ONE 72.00, FEW SELECT 62.50-64.75, FEW STANDARD 65.00-68.00. FEW STANDARD SL. HEIFERS 57.50-62.00. BREAKING UTILITY & COMMERCIAL SL. COWS 51.50-56.50, COUPLE 57.75, COUPLE 60.75 & 62.00, LOW YIELDING TO 47.50, CUTTER & BONING UTILITY 48.00-53.00, HIGH DRESSING 54.75, CANNER & LOW CUTTER 40.00-48.25, SHELLS DOWN TO 30.00. YIELD GRADE NO. 1, 1175-1780 LBS. SL. BULLS 58.00-63.00, FEW NO. 2, 1050-1100 LBS. 55.75-57.75. FEEDER CATTLE: FEW MEDIUM & LARGE FRAME #1, 500-845 LBS. STEERS 61.00-70.00. MEDIUM & LARGE FRAME #1, 300-500 LBS. HEIFERS 60.00-76.00, 550-825 LBS. 47.00-58.75.

CALVES 312. ONE CHOICE VEALER 102.00, FEW GOOD 80.00-92.00, STANDARD & GOOD 90-120 LBS. 60.00-76.00, 60-85 LBS. 53.00-68.00, LOT UTILITY 53 LBS. 40.00, SOME DOWN TO 100.00. FARM CALVES: HOL. BULLS 100-135 LBS. 100.00-160.00, NO. 2, DOWN TO 70.00, 85-95 LBS. 70.00-80.00; HOL. HEIFERS 95-125 LBS. 75.00-117.50. BEEF CROSS 75-110 LBS. BULLS & HEIFERS 70.00-81.00.

HOGS 484. BARROWS AND GILTS 2.50 TO 3.00 HIGHER. US NO. 1-2 225-260 LBS. 51.75-52.75, SMALL LOT 53.00, 1-3 215-265 LBS. 50.00-51.75, 2-3 235-275 LBS. 48.75-50.00, LOT 1-3 210 LBS. 49.75, 130-175 LBS. 33.00-36.50. SOWS 3.00 TO 4.00 HIGHER. US NO. 1-3 300-610 LBS. SOWS 37.00-42.00, FEW 45.00, FEW 2-3 420-560 LBS. 33.00-35.00. BOARS 32.00-36.25.

FEEDER PIGS 12. US NO. 1-3 35-40 LBS. FEEDER PIGS 25.00-36.00 -- ALL PER HEAD.

SHEEP 104. HIGH CHOICE & PRIME 90-115 LBS. WOOL SLAUGHTER LAMBS 65.00-69.00, CHOICE 60-80 LBS. 68.00-81.00; GOOD & CHOICE 40-80 LBS. FEEDER LAMBS 51.00-71.00. SLAUGHTER EWES 10.00-28.00.

GOATS 7. COUPLE LARGE 55.00 & 58.00, FEW MEDIUM 30.00-44.00 -- ALL PER HEAD.

Belknap Livestock

Dayton, Pa.
Wednesday, Dec. 20, 1989
Report Supplied by PDA

CATTLE 53. COMPARED WITH LAST WEDNESDAY'S MARKET: COUPLE STANDARD SLAUGHTER STEERS 63.00&66.00. COUPLE STANDARD SL. HEIFERS 63.25&64.75. BREAKING UTILITY AND COMMERCIAL SL. COWS 52.00-56.00, ONE 58.75, CUTTER & BONING UTILITY 48.50-52.50, FEW HIGH DRESSING 54.75, CANNER & LOW CUTTER 41.75-48.50. FEEDER CATTLE: MEDIUM FRAME NO. 1-2, 400/775 LBS. HEIFERS 51.50-63.50. FEW MEDIUM FRAME NO. 2, 520/815 LBS. BULLS 52.00-60.00.

CALVES 134. STANDARD AND GOOD 90/120 LBS. VEALERS 74.00-79.00, 60/85 LBS. 65.00-75.00. FARM CALVES: HOLSTEIN BULLS 90/140 LBS. 100.00-136.00, COUPLE 145.00 & 153.00, 80/85 LBS. 78.00-110.00; FEW HOL. HEIFERS 90/130 LBS. 100.00-140.00. BEEF CROSS 80/135 LBS. BULLS AND HEIFERS 77.00-100.00.

HOGS 170. US NO. 1-2 210/260 LBS. BARROWS AND GILTS 50.75-52.00, COUPLE SMALL LOTS 53.00, 1-3 260/270 LBS. 49.50-51.00, LOT 51.50, LOT 2-3 245 LBS. 48.35. ONE US NO. 1-3 655 LBS. SOW 39.25. FEW BOARS 29.00-31.00.

FEEDER PIGS 13. LOT US NO. 1-3 25 LBS. FEEDER PIGS 13.50, LOT 10 LBS. 5.00-- ALL PER HEAD.

SHEEP 10. LOT CHOICE 105 LBS. WOOL SLAUGHTER LAMBS 53.00.

GOATS 2. ONE LARGE 64.00, ONE MEDIUM 35.00--- ALL PER HEAD.

Keister Middleburg Livestock Auction

Middleburg, Pa.
Tuesday, December 19, 1989
Report Supplied by the Auction

CATTLE 379... Report supplied by the auction ...Compared with last weeks market: High Choice and Prime slaughter steers 78.00-81.25, Choice 76.00-80.75, Select 68.00-75.75; Choice Holsteins 68.00-73.50, Select 64.00-67.75, Standard 58.00-63.75. Choice sl. heifers 74.00-76.75, Select 65.00-73.75, Standard 60.00-64.75. Breaking Utility & Commercial sl. cows 53.00-57.85, few 59.75, Cutter & Boning Utility 53.75-56.25, Canner & low Cutter 49.50-52.75, Shells down to 45.00. Choice sl. bullocks 70.00-76.50. Yield Grade No. 1, 1200/1990 lbs. sl. bulls 62.00-66.25, No. 2, 800/1200 lbs. 55.00-61.75. Feeder Cattle: Steers 350/850 lbs. 65.00-78.50. 350/600 lbs. heifers 55.00-72.50. 350/750 lbs. bulls 56.00-77.00.

CALVES 228...Standard & Good 90/110 lbs. vealers 75.00-85.00, 60/90 lbs. 55.00-75.00. Farm Calves: Holstein Bulls 90/125 lbs. 120.00-158.00; Hol. Heifers 90/125 lbs. 100.00-152.00.

HOGS 612...US No. 1, 220/240 lbs. barrows and gilts 53.00-55.00, 1-2 220/250 lbs. 50.00-53.00, 1-3 220/250 lbs. 51.50-52.00, 2-3 190/295 lbs. 45.00-50.75. US No. 1-3 300/675 lbs. sows 41.00-48.00, 2-3 300/650 lbs. 30.00-40.75. Boars 200/760 lbs. 34.00-36.75.

FEEDER PIGS 592...US No 1-3 20/35 lbs. feeder pigs 25.00-35.00, 35/60 lbs 35.00-43.00 --- all per head. 100/150 lbs. 40.00-45.00 Cwt.

SHEEP 101...High Choice 25/70 lbs. wool slaughter lambs 100.00-172.00, Choice 80/110 lbs. 59.00-68.00, Good 50/80 lbs. 58.00-65.00. Slaughter sheep 21.00-28.00.

GOATS 46...Large 50.00-113.00, Small 35.00-50.00 --- all per head.

PARADISE TOBACCO SALES

717-687-0990

Office Hours
7:30 a.m. to 4:00 p.m.
19 Meadow Lane,
Paradise, PA 17562
RY-000007-L
Mitch Ashby, Auct.
AU-002616-L

NEXT SALES
WED., JAN. 3 AND FRI., JAN. 5
9:30 A.M.

We want to fill warehouse from wall to wall with tobacco. We are working to have more company buyers, but we need your support and tobacco to attract them!

Our direct company buyer is able to pay a higher price to you and ship tobacco to the processing plant cheaper than buyers buying tobacco on the farm. THIS CAN HAPPEN ONLY THROUGH AN EFFICIENT AUCTION SYSTEM!

True Example: Farmer with 10,000 lbs. tobacco and 300 lbs. out grade tobacco

After auction outgrade price $1.40/lb.
Before auction outgrade price - .30/lb.
=$1.10/lb. x 300 lb. outgrade = $330.00
less commission on whole crop = 200.00
Gain = $130.00

Look what you farmers that have supported auction system have gained for you and your neighbor tobacco farmers!

If an on-the-farm buyer pressures you to sell tobacoo on contract by scaring you with a price decline, WHY WOULDN'T HE WAIT TIL THE PRICE DECLINES BEFORE BUYING? If a buyer cannot make an offer on your low grade tobaccos and/or tells you to bring it to auction, you will be at a disadvantage! **Your good tobacco is what sells all your tobacco!** Make your buyer offer a price for outgrade tobacco – if he can't – BRING ALL YOUR TOBACCO TO PARADISE. WE HAVE BUYERS FOR ALL YOUR TOBACCO. DO NOT SEPERATE YOUR GRADES – YOU WILL LOSE IN THE END!
Do you realize signing an open contract can work both ways? Also, if all farmers signed open contracts, we can never cause prices to increase!! Like you've seen us do before!!

YOU NEED AUCTION SYSTEM FOR THE YOUNG TOBACCO FARMER'S FUTURE
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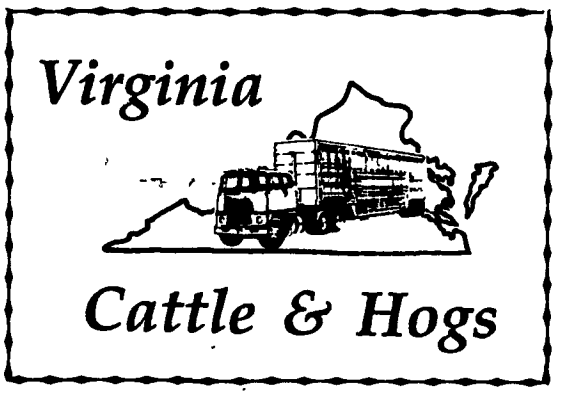
CHRISTMAS

At this glittering time of the year we send wishes for your happiness, glowing with bright hope for the future.

We look forward to serving you again

FROM THE STAFF AND MANAGEMENT OF NEW HOLLAND SALES STABLES, INC.



Virginia Weekly

Richmond, Va.

Thursday, December 21, 1989

WEEKLY REVIEW IN VIRGINIA MARKETS IN REVIEW; DEC.14-20,1989. FEEDER STEERS AND HEIFERS IN VIRGINIA SHOWED STEERS UNEVEN $1.50 LOWER TO $7.75 HIGHER, HEIFERS WERE 25 CENT TO $2.00 LOWER WHILE MIDWEST PRICES WERE 75 CENT TO $5.75 LOWER.

SLAUGHTER STEERS AND HEIFERS IN VIRGINIA WERE MIXED $2.25 LOWER TO $2.50 HIGHER AS MIDWEST PRICES WERE MOSTLY $1.50-2.25 HIGHER.

COWS AND BULLS IN VIRGINIA HAD COWS $2.50-3.00 HIGHER WHILE BULLS WERE $3.75-5.00 LOWER. BEEF PRODUCTION WAS THE SAME AS LAST WEEK BUT 3% HIGHER THAN A YEAR AGO. AVERAGE DRESSED WEIGHTS WERE 10 POUNDS HEAVIER THAN LAST YEAR.

VEAL AND CALF PRICES IN VIRGINIA WERE NOT ESTABLISHED THIS WEEK AS MIDWEST PRICES WERE MOSTLY STEADY. VEAL AND CALF PRODUCTION WAS 4% BELOW A WEEK AGO AND 18% BELOW A YEAR AGO. AVERAGE DRESSED WEIGHTS WERE 1 POUND HEAVIER THAN LAST YEAR.

LAMB PRICES IN VIRGINIA WERE 75 CENT TO $3.75 LOWER AS MIDWEST PRICES WERE 75 CENT TO $4.50 LOWER. LAMB PRODUCTION WAS LESS THAN 1% ABOVE A WEEK AGO BUT 10% ABOVE A YEAR AGO. AVERAGE DRESSED WEIGHTS WERE 1 POUND HEAVIER THAN LAST YEAR.

SLAUGHTER HOG PRICES IN VIRGINIA WERE 50 CENT TO $1.50 HIGHER FOLLOWING THE MIDWEST PRICES WHICH WAS 50 CENT TO $1.50 HIGHER. FRESH PORK PRICES WERE $1.50-19.50 HIGHER EXCEPT HAMS WHICH WERE $20.00-23.00 LOWER. HOG PRODUCTION WAS 7% BELOW A WEEK AGO AND 6% BELOW A YEAR AGO. AVERAGE DRESSED WEIGHTS WERE THE SAME AS LAST YEAR.

THE VIRGINIA DIRECT HOG MARKET DEC.14-20, 1989. RECEIPTS FOR THE DIRECT HOG MARKET IN VIRGINIA ESTIMATED 19,436 HEAD COMPARED TO LAST WEEK 14,509 HEAD. THE MARKET CLOSED 50 CENT TO $1.50 HIGHER COMPARED TO LAST WEDNESDAY'S TRADING WITH BARROWS AND GILTS: COUNTRY POINTS PLANTS US 1-3 210-250 LBS 47.50-50.75 --- US 1-2 210-250 LBS HIGH YIELDING 49.50-51.50 US 2-4 210-250 LBS BASE PRICE 47.50-50.50 SOWS $33.00-42.00 AND BOARS $22.00-31.75.

SLAUGHTER STEERS AND HEIFERS 4%; SLAUGHTER COWS 25% SLAUGHTER BULLS 1%; SLAUGHTER CALVES AND VEALERS 0%; FEEDER CATTLE UNDER 600 LBS 46% OVER 600 LBS 24%.

PRICE RANGES FOR VIRGINIA WEEKLY AUCTIONS SLAUGHTER CATTLE STEERS: CHOICE 2-3 1000-1150 LBS 72.25-75.85 1 LOT 67.75 CHOICE 2-3 1150-1300 LBS 72.75-77.30 CHOICE 2-3 1300 LBS & OVER 70.25-75.00 HEIFERS; CHOICE 2-3 900-1000 LBS 71.50-73.50 1 AT 62.00 UTILITY & COMMERCIAL COWS 45.00-56.50 BULLS - 1-2 900-1300 LBS 55.00-65.00 1-2 1300-1600 LBS 61.00-65.50 1-2 1600 LBS & OVER 57.50-68.25 SLAUGHTER CALVES AND VEALERS VEALERS - HIGH CHOICE & PRIME 100-250 LBS --- GOOD AND CHOICE 100-250 LBS --- CALVES - GOOD AND CHOICE 250-500 LBS 60.00-70.00 SLAUGHTER LAMBS HIGH CHOICE & PRIME 95-125 LBS 52.75-57.75 SLAUGHTER HOGS US 2-4 200-250 LBS 38.00-49.75 SOWS US 1-3 300-500 LBS 37.00-43.50 500 LBS & OVER 45.10-46.10.

FEEDER CATTLE STEERS; MEDIUM 1 HEIFERS: MEDIUM 1 200-300 LBS --- 300-400 LBS 80.00-92.00 300-400 89.00-103.00 400-500 72.00-87.00 400-500 89.00-101.00 500-600 68.00-79.50 500-600 74.50-88.75 600-700 67.25-78.00 600-700 73.50-85.75 700-800 66.50-77.75 700-800 70.75-82.50 800-900 63.00-70.00 800-900 68.50-78.00.

THIS REPORT WILL NOT BE ISSUED AGAIN UNTIL JANUARY 11, 1989. HAVE A MERRY CHRISTMAS AND HAPPY NEW YEAR.

Northern Virginia Area Livestock Summary

Orange, Va.

Wednesday, December 20, 1989

ALL TRENDS COMPARED TO LAST WEDNESDAY SLAUGHTER HOGS 21 HEAD - NO TRENDS REPORTED. BARROWS AND GILTS US 2-4 200-250 LBS 46.00 3-4 250-300 LBS 42.00-43.50 SOWS US 1-3 300-500 LBS 37.00.

SLAUGHTER CATTLE 78 HEAD - SLAUGHTER COWS 5.00-6.00 HIGHER.

SLAUGHTER COWS 65 HEAD CUTTER & BNG. UT. 1-3 43.00-55.00 BRKG.UT. & COMM. 2-4 46.00-60.00 CANNER & LOW CUTTER 1-2 40.00-50.00.

SLAUGHTER BULLS 4 HEAD - 1-2 900-1300 LBS 65.00 1-2 1300-1600 LBS 65.50 1-2 1600 LBS & OVER 67.25-68.25.

SLAUGHTER CALVES AND VEALERS 9 HEAD CALVES - GOOD AND CHOICE 250-500 LBS 60.00-70.00.

LAMBS 9 HEAD - NO TRENDS REPORTED. FEEDER LAMBS CHOICE AND FANCY 70-85 LBS 64.00; 60-70 LBS 55.00.

FEEDER CATTLE 132 HEAD - NO TRENDS REPORTED. STEERS; MEDIUM 1 SMALL 1 MED.&LARGE 2 300-400 --- 77.00 80.50 400-500 85.00 --- 71.00-75.50 500-600 80.00 80.00 --- HOLSTEIN STEERS; MED.&LARGE 1-2 300-500 LBS 66.00.

HEIFERS; MEDIUM 1 SMALL 1 MED.&LARGE 2 300-400 75.50 70.25 --- 400-500 74.00-80.00 --- 71.75 500-600 73.50 70.25 71.25-72.00 600-700 --- --- 66.00-68.00 FEEDER BULLS; MED. 1500-700 LBS 72.00 700-900 LBS 68.00

BABY CALVES RETURNED TO FARMS 17 HEAD NEWBORN TO 4 WK OLD45.00-90.00 PER HEAD. OVER 100 LBS 80.00-102.50 PER CWT.

Southwest Virginia Area Livestock Summary

Wytheville, Va.

Tuesday, December 19, 1989

ALL TRENDS COMPARED TO LAST TUESDAY. SLAUGHTER CATTLE 27 HEAD - NO TRENDS REPORTED.

SLAUGHTER COWS 27 HEADCUTTER & BNG.UT. 1-3 46.25-52.75BRKG.UT. & COMM. 2-4 47.00-50.50CANNER & LOW CUTTER 1-2 44.00-44.50

LAMBS 59 HEAD - NO TRENDS REPORTED.HIGH CHOICE AND PRIME 95-125 LBS 54.50FEEDER LAMBSCHOICE AND FANCY 70-85 LBS 53.00 SLAUGHTER EWES ALL GRADES 12.00.

FEEDER CATTLE 73 HEAD - NO TRENDS REPORTED.NO FEEDER STEER PRICES.

HEIFERS; MEDIUM 1 600-700 67.25-68.00 700-800 67.50 BABY CALVES RETURNED TO FARMS 9 HEAD NEWBORN TO 4 WK OLD70.00-107.50 1 AT 135.00 PER HEAD.

Southeast And Central Virginia Area Livestock Summary

Smithfield, Va.

Wednesday, December 20, 1989

ALL TRENDS COMPARED TO LAST WEDNESDAY (SOUTHSIDE -BLACKSTONE AUCTION NOT AVAILABE) SLAUGHTER HOGS 300 HEAD - NO TRENDS REPORTED. SOWS US 1-3 300-500 LBS 38.10-42.00 500 LBS & OVER 45.10-46.10 BOARS 33.00-36.00.

SLAUGHTER CATTLE NO REPORT.

FEEDER CATTLE 13 HEAD - TOO FEW TO REPORT PRICES.COWS RETURNED TO FARMS 16 HEAD - M-1, 3-6 YR OLD 49.00-58.50 PER CWT.S-1, 3-4 YR OLD 48.50-53.50 PER CWT.

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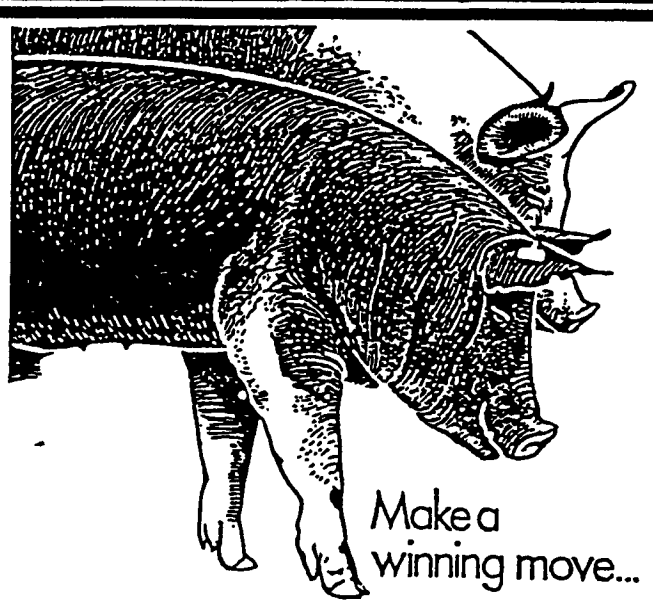

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OPINION

The Christmas Story

And it came to pass in those days, that there went out a decree from Caesar Augustus, that all the world should be taxed. (And this taxing was first made when Cy-re-ni-us was governor of Syria.) And all went to be taxed, every one into his own city. And Joseph also went up from Galilee, out of the city of Nazareth, into Judea, unto the city of David, which is called Bethlehem; (because he was of the house and lineage of David:) To be taxed with Mary his espoused wife, being great with child. And so it was, that, while they were there, the days were accomplished that she should be delivered. And she brought forth her firstborn son, and wrapped him in swaddling clothes, and laid him in a manger; because there was no room for them in the inn.

And there were in the same country shepherds abiding in the field, keeping watch over their flock by night. And, lo, the angel of the Lord came upon them, and the glory of the Lord shone round about them: and they were sore afraid. And the angel said unto them, Fear not: for behold, I bring you good tidings of great joy, which shall be to all people. For unto you is born this day in the city of David a Saviour, which is Christ the Lord. And this shall be a sign unto you: Ye shall find the babe wrapped in swaddling clothes, lying in a manger. And suddenly there was with the angel a multitude of the heavenly host praising God, and saying, Glory to God in the highest, and on earth peace, good will toward men.

And it came to pass, as the angels were gone away from them into heaven, the shepherds said one to another, Let us now go even unto Bethlehem, and see this thing which is come to pass, which the Lord hath made known unto us. And they came with haste, and found Mary, and Joseph, and the babe lying in a manger. And when they had seen it, they made known abroad the saying which was told them concerning the child. All they that heard it wondered at those things which were told them by the shepherds.

The people that walked in darkness have seen a great light; they that dwell in the land of the shadow of death, upon them hath the light shined.

For unto us a child is born, unto us a son is given; and the government shall be upon his shoulder; and his name shall be called Wonderful, Counsellor, The mighty God, The everlasting Father, The Prince of Peace.

NOW IS THE TIME

By Jay Irwin
Lancaster County Agriculture Agent

To Review Your Will

I don't know of anything that changes more than our tax laws. As these changes take place we must review our personal affairs. First, a thorough examination of your will should be done; second, examine how you own property; and third, check for application of the tax laws to determine savings.

Everyone should have their will thoroughly reviewed if it hasn't been done since September 1981. One major point of the review should be to determine ways of applying the unlimited federal estate tax marital deduction.

Any amount of property can now be transferred tax-free to a spouse at death. However, this option should be considered carefully, medium and large estates may pay more tax if the entire estate is passed to the surviving spouse.

Consult your attorney about making necessary changes.

To Take Inventory

An area of our operation that is very important at this time of year is inventory. With the close of the year most of our farmers close out their records for the year. This means that if you are going to have a Farm Analysis made you should take inventory of all your supplies.

You'll need this to do any kind of farm analysis, because the amount of grains, hay and other supplies that are in storage will vary from year to year, and unless this is taken into consideration, you cannot have an accurate analysis of your year's operation. So, as accurately as possible, record the amount of hay, grains, feed, seeds and fertilizer that are on hand. This is the first step in an accurate farm analysis.

To Protect Orchard Fruit Trees

While most of the hard work for fruit growers may be over, it is that time of the year for mice, deer and rabbits to get busy.

On young trees preventive measures are necessary. The most effective way to prevent rabbit damage is to use tree trunk guards on individual trees. Cylinders of ¼ -inch mesh hardware cloth 18 to 24 inches high, set into the ground surrounding the tree, will help prevent gnawing damage to the main stem. The "self-wrapping" plastic wrap also does an excellent job.

Another way to keep rabbits and deer from chewing branches and buds is to "paint" tree trunks and limbs with a mixture of 5 to 6 pounds of powdered rosin in one gallon of ordinary alcohol. Simply use a whitewash brush to apply the material. The rabbits and deer find the rosin too gritty and aside from an occasional nip will usually leave the tree alone. Be sure to apply the material to a height well above the reach of the deer.

To Be Aware Of Tax Reporting Timetables

Farmers planning to estimate what their tax is going to be for 1989 should file form 1040ES by January 16. If you file your Estimated Return by January 16, you have until April 16 to file a complete tax return on Form 1040 and pay any tax still due or request a refund if they overpaid in making the tax estimate. However, farmers who do not file and pay an estimated tax must file the completed 1040 form by March 1 and pay in full whatever tax is due at that time. Non-farmers have until April 16 to complete their 1040 and pay any tax due. Farmer's Tax Guides are available at any extension office to assist in preparing and filing your reports. Stop by and pickup a free copy.

The Penn State Cooperative Extension is an affirmative action, equal opportunity educational institution.

Farm Calendar

Wednesday, December 27

Lebanon County 4-H Livestock Club Winter Roundup, Lebanon Area Fairgrounds, Lebanon, pig show at noon, beef and lamb shows 1:00 p.m. December 28, and sale6:00 p.m. December 28.

Monday, January 1

Red Rose Alliance pork and sauerkraut dinner, Churchtown Fire Hall, Churchtown, 11:00 a.m.

Tuesday, January 2

Penn State income tax meeting, Farmers Best Restaurant, Lewisburg, 8:00 a.m. to 4:00 p.m.

Cumberland County Extension Board of Directors meeting, Cumberland County Extension office, Carlisle, 7:30 p.m.

44th annaul meeting of the Northeastern Weed Science Society, Sheraton Boston Hotel & Towers, Boston, Mass.; runs through January 5.

Wednesday, January 3

Penn State income tax meeting, Bethany Methodist Church, Honesdale, 8:00 a.m. to 4:00 p.m.

Schuylkill County Dairy Day, Penn State Schuylkill campus, Student/Community Activity Building, 9:00 a.m. to 3:00 p.m.

Pennsylvania Dairy Promotion Program second annual banquet, Holiday Inn, Grantville, general session at 2:00 p.m., banquet 5:30 p.m.

Lancaster County tobacco management meeting and show, Lancaster Farm & Home Center, Lancaster, 11:00 a.m. to 3:15 p.m.

Lancaster County home horticulture seminar, Lancaster Farm & Home Center, Lancaster; beginning beekeeping at 7:30 p.m. to 9:30 p.m. and home gardener's guide to fruit production at 7:30 p.m. to 9:30 p.m.

Thursday, January 4

Penn State income tax meeting, Shadowbrook Dairy Bar, Tunkhannock, 8:00 a.m. to 4:00 p.m.

Regional tomato growers meeting, Thompson's Dairy Bar, Lackawanna County, 9:30 a.m. to 3:30 p.m.; register by January 2 at 717/963-6842.

Friday, January 6

Penn State income tax meeting, Pomona Grange Hall, Wellsboro, 8:00 a.m. to 4:00 p.m.

Sunday, January 7

Pennsylvania Farm Show, Farm Show Building, Harrisburg; runs through January 12. Times are 1:00 p.m. to 6:00 p.m. Sunday, 8:00 a.m. to 9:00 p.m. Monday through Thursday, 8:00 a.m. to 4:00 p.m. on Friday.

(Turn to Page A31)

THE BIBLE SPEAKS
BY LAWRENCE W. ALTHOUSE

WHEN THE FLESH BECOMES WORD
December 24, 1989

Background Scripture:
Luke 2:8-12; John 1:1-5, 9-18.
Devotional Reading:
Proverbs 8:22-31.

Some years ago, when scientist Robert Jastrow was in Dallas, he said that although he is an admitted "agnostic in religious matters," he nevertheless is fascinated by the questions raised by the "Big Bang" theory. We have discovered that the universe is an expanding one. Galaxies are rushing away from us, "as if we are witnessing the aftermath of a gigantic explosion." By tracing that process backwards 15 or 20 billion years ago, we can arrive back to the moment when a dense mass of matter exploded and set the universe into motion. But what puzzles him and others is the question of what preceded the "Big Bang"?

Virtually all astronomers today concede that we will never be able to answer that question scientifically. And that is where faith provides an answer: "In the beginning, God..." Or as the writer of John puts it: "In the beginning was the Word, and the Word was with God, and the Word was God" (1:1-4). If the "Big Bang" does pretty well account for the beginning of the universe, then Christians are convinced that, before the "Big Bang," there was God the Creator.

FEEBLE MINDS

When we try to conceive of the ways in which the universe was formed, God the Creator seems too vast for us to grasp. And although we may be fascinated with origins of the universe, that is not where we personally live. At this moment in time, we live, not in the heavens, but right here on earth, where the problems are not universal in scope, but personal and social. That's the level upon which all of us need help. We can die without ever solving the mysteries of the universe, and that's all right — they are desirable, but not essential. What is essential is that whole host of daily questions, conflicts and challenges that come to us.

That is where Christianity comes to the rescue once again, for John assures us that this same "Word" that was instrumental in the divine origins of the universe became incarnated in a human being. "And the Word became flesh and dwelt among us." Somehow, the mighty Creator was expressed in the life of one human being, Jesus. So, the eternal and divine became temporal and human so that all we really need to know about the Power that created the universe is wrapped up in the life and ministry of Jesus.

We talk a great deal about the Incarnation. But what Christmas demands of us is not talk — not for the flesh to become mere words — but for God to be incarnated not only in Jesus, but in us too.

"To all who received him, who believed in his name, he gave power to become children of God" (1:12). At Christmas it is not enough to believe that God was incarnated in Christ alone, but in all of us.

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AGGIE, WHY DON'T YOU GIVE ME ANOTHER PIECE OF THAT PIE
MY GOODNESS OTIS, THAT'S YOUR THIRD PIECE, WHAT ARE YOU TRYING TO DO?
PIE 40¢
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Dear Friends,

The friendship of those we serve is the foundation of our progress.

During the year, in the rush of events, we tend to overlook the important friendships that are the true basis of business relationships. One of the great pleasures of the Holiday Season is the opportunity to exchange cordial greetings with those whose friendship and goodwill we value so highly.

In this spirit, our management and staff want to say "Thank You" and extend our sincere appreciation for the very pleasant association we enjoy with you.

Merry Christmas and may a bright New Year bring you Health, Happiness and Prosperity.

Sincerely,
Donald C. Hershey
Peggy A. Hershey

Shenandoah Valley Livestock

Harrisonburg, Va.
Dec. 16, 1989
Report supplied by auction

STEERS: M&L-1 500-700 LBS. 82.00-85.00, HOLSTEIN 300-1000 LBS. 64.50-74.50. S-L&M&L-2 500-700 LBS. 78.00-80.50.

FEEDER BULLS: M&L-1 500-700 LBS. 69.00-74.50, 700-800 LBS. 64.50.

HEIFERS: M&L-1 300-500 LBS. 72.50-79.00, 500-700 LBS. 70.00-78.00.

STOCK COWS: BABY CALVES 60.00-130.00.

SLAUGHTER COWS TREND: UTILITY & COMMMERCIAL 2-4 48.50-52.50; CANNER & CUTTERS 1-3 45.00-49.00.

LAMBS: BLUE O HIGH CHOICE & PRIME 57.00; RED O CHOICE 63.00; FEEDER LAMBS CHOICE 66.75-69.00; SLAUGHTER EWES 17.50-26.25.

Oklahoma City Feeder Cattle Weekly

Oklahoma City, Okla.
Wednesday, December 20, 1989

*** ATTENTION DODGE CITY *** OKLAHOMA NATIONAL STOCKYARDS WEEKLY CATTLE SUMMARY COMPARED WITH LAST WEEK:

FEEDER STEERS OVER 500 LB. STEADY TO $1.50 HIGHER; HEIFERS OVER 500 LB. LARGELY STEADY. LIMITED TEST ON STEER AND HEIFER CALVES UNDER 500 LB. $2.00-$3.00 HIGHER. YEARLING FEEDER STEER AND HEIFER DEMAND CLOSED MODERATE. BULK FEEDER SUPPLY THIS WEEK 550-850 LB. MEDIUM AND LARGE FRAME 1 AND MIXED 1-2 STEERS AND HEIFERS. WEIGH-UP CONDITIONS BASICALLY AVERAGE. NUMERIOUS CATTLE CARRYING THIN TO MODERATELY THIN FLESH. THESE COMING OFF WHEAT PASTURE PREMATURELY AS LACK OF MOISTURE IN SEVERAL AREAS OF OKLAHOMA PREVENTED HOLDING CATTLE LONGER. BITTER COLD WEATHER; CALF NUMBERS LIMITED, ONLY A FEW OPERATORS WILLING TO SELL OR BUY CALVES UNDER THESE CONDITIONS. SLAUGHTER COWS AND BULLS $2.00-$3.00 HIGHER. COW & BULL DEMAND VERY GOOD. VERY SHARP ADVANCES ON COW AND BULL CARCASSES OVER THE PAST TWO WEEKS SUPPORTED THE UPTURN ON LIVE SALES. COUNTRY BUYERS TAKING OVER HALF OF TOTAL COW NUMBERS. RECEIPTS THIS WEEK NEAR 6,000; LAST WEEK 6,063; LAST YEAR 5,164. CONSIST OF SUPPLY 65% YEARLINGS; 28% CALVES; 7% COWS AND BULLS. BULK QUOTES FOR THE WEEK FOLLOW:

FEEDER STEERS: MEDIUM AND LARGE FRAME 1, 340 LB. THIN $105.50; FEW 400- 475 LB. $94.00-$100.00; 500-600 LB. $87.50-$93.75; 600-700 LB. $87.00-$91.25; 700-800 LB. $87.00-$89.00; 800-900 LB. $83.00-$87.50; 900-925 LB. $80.50-$83.50. HOLSTEINS, 285-350 LB. $79.50-$85.00; 525-725 LB. $68.75-$72.50; 775-825 LB. $69.00-$71.00.

FEEDER HEIFERS: MEDIUM AND LARGE FRAME 1, 350-400 LB. $83.25-$86.00; 400-500 LB. $80.50-$84.50; 500-600 LB. $80.00-$84.00, FLESHY $77.75- $79.25; 600-700 LB. $80.50-$83.75; 700-775 LB. $80.00-$82.50; 775-800 LB. $78.75-$80.50.

SLAUGHTER COWS: CUTTER, BONING UTILITY, AND BREAKING UTILITY Y.G. 1-4, $51.75-$55.00; HIGH-DRESSING $53.75-$57.25; LOW-DRESSING $46.50-$51.00.

SLAUGHTER BULLS: Y.G. 1, 1050-2050 LB. AVERAGE DRESSING $59.25-$64.00, HIGH DRESSING OR BONING $63.00-$66.00. Y.G. 1-2 LOW-DRESSING OR FLESHY 1050-2050 LB. $54.25-$59.25.

REPLACEMENT COWS: PRE-TESTED FOR BANGS, PREGNANCY, AND AGE. MEDIUM AND LARGE FRAME NO. 1 MUSCLED COWS: 5-8 YEAR OLD 875-1100 LB. BRED 4-8 MONTHS $57.00-$65.50/CWT. 8-10+ YEAR OLD 875-1050 LB. BRED 4-7 MONTHS $51.50-$55.00/CWT.

Valley Livestock

Athens, Pa.
Monday, Dec. 18, 1989
Report supplied by auction

HOLSTEIN HEIFER CALVES TO 142.50.

VEAL CALVES TO 90.00.

VEALER BULL CALVES TO 172.50.

SLAUGHTER CALVES 80.00 AND DOWN.

GRASSERS & FEEDERS 45.00-65.00.

LAMBS, 50.00-70.00, NEW CROP TO 165.00.

SHEEP 15.00-28.00.

HOGS 200 TO 250 LBS. 42.00-46.00.

SOWS 22.00-35.50.

BOARS 23.00-26.50.

PIGS EACH 10.00-28.00.

HEIFERS 45.00-59.00.

STEERS NO MARKET TEST.

FEEDER STEERS 55.00-79.00.

BULLS 50.00-62.50.

COWS GOOD 50.00-53.00, FEW TO 55.00.

COWS MEDIUM 47.00-50.00.

COWS POOR OR SMALL 45.00 AND DOWN.

CATTLE MARKET HIGHER.

CALF MARKET BACK TO FARM CALVES HIGHER.

HORSES TO 530.00.

PONIES TO 75.00.

GOATS TO 80.00.

NEXT WEEK'S SALE WED., DEC. 27. NEW YEARS MONDAY AS USUAL.

Eighty-Four Livestock

Eighty-Four, Pa.
December 18, 1988
Report Supplied by Auction

REPORT IS NOT AVAILABLE FOR MONDAY, DECEMBER 18, 1989. ALTHOUGH HEADAGES WERE SUPPLIED BY THE AUCTION- CATTLE 209; CALVES 196; HOGS 101; FEEDER PIGS 32; SHEEP 108; AND GOATS 5

HOSTETTER PORK

Wanted To Buy Crippled and Disabled Sows and Boars
Hogs Slaughtered For Federal Inspection
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CHESTER COUNTY HAY SALE
Public Auction Every Wednesday, 12 Noon Sharp
Location: John Primus & Son, Buck Run Road, Coatesville, PA
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'89 Timothy Mulch Contracts Available

Will Hog & Cattle Prices Continue To Move Higher?

Profitable feeding margins now exist for your hog and cattle production through the use of FORWARD CONTRACTING!
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1-717-838-7051
Local

PACMA Partners in Marketing INC.

ATTENTION TOBACCO FARMERS

I am buying 609 Type tobacco at competitive prices. If you are interested in selling or have any questions about your tobacco, please contact me

We Will Be Receiving Tobacco On The Following Days:
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FRI., JAN. 5 - QUARRYVILLE (Former PTA Warehouse) - 9 AM TO 3 PM

BOB TODD
Office 717-397-1256
Car Phone 717-575-2802

Do Your 2-6 Month Old Calves Have?

1. Nice bloom and hair coat.
2. Tall and long frame.
3. Alertness and energy.
4. Good muscle development without a lot of fat.
5. Good weight for their age.

If your calves don't have all of these, you may need

KEYSTONE CALF GROWER

High in protein and palatability with extra vitamins and minerals and made with quality Purina Concentrates.

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For Increased Rate of Weight Gain
And for Control of Coccididosis
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Quality Products - Quality Service

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Belleville Livestock

Belleville, Pa.
December 20, 1989
Report supplied by Auction

CATTLE: 120. COMPARED WITH LAST WEEK'S MARKET: ONE STANDARD SLAUGHTER STEER 61.25. FEW SELECT HOLSTEIN HEIFERS 56.00-58.75. BREAKING UTILITY & COMMERCIAL SL. COWS 52.00-56.50, CUTTER AND BONING UTILITY 50.00-57.50, CANNER & LOW CUTTER 46.50-50.50, SHELLS DOWN TO 43.25. ONE SELECT SLAUGHTER BULLOCK 63.00. ONE YIELD GRADE NO. 1, 1025 LBS. SL. BULL 56.25. FEEDER CATTLE: FEW MEDIUM FRAME NO. 1, 400-750 LBS. STEERS 55.25-63.50.

CALVES: 114. STANDARD AND GOOD VEALERS 75-100 LBS. 60.00-72.00, UTILITY 60-85 LBS. 40.00-55.00. FARM CALVES: HOLSTEIN BULLS NO. 1, 90-130 LBS. 115.00-140.00, NO. 2, 85-125 LBS. 75.00-120.00; ONE HOL. HEIFER 95 LBS. 127.50.

HOGS: 183. US NO. 1-2 215-250 LBS. BARROWS AND GILTS 51.50-52.50, 1-3 215-240 LBS. 50.50-52.35, LOT 2-3 345 LBS. 40.25. US NO. 1-3 380-650 LBS. SOWS 37.50-43.50. FEW BOARS 25.00-31.50.

FEEDER PIGS: 157. US NO. 1-3 20-35 LBS. FEEDER PIGS 20.00-30.00, 50-75 LBS. 36.50, LOT 100 LBS. 50.50 -- ALL PER HEAD.

SHEEP: 14. FEW CHOICE 55-85 LBS. WOOL SLAUGHTER LAMBS 56.00-70.00, FEW 100-130 LBS. 40.00-53.00. FEW SLAUGHTER EWES 25.00-32.00.

GOATS: 6. FEW LARGE 53.00-70.00 -- ALL PER HEAD.

SMALL SUPPLY HOLSTEIN DAIRY COWS 850.00-1575.00 -- PER HEAD.

Four States Livestock

Hagerstown, Md.
Wednesday, Dec. 20, 1989
Report supplied by Auction

SLAUGHTER COWS: UTILITY 50.00-57.00; HIGH DRESSING 58.00-62.25; CANNERS 45.00-50.00; SHELLY 45.00 DOWN.

BULLS: YG#1 1720 LBS. 63.00; STANDARD 53.00-56.00.

FED STEERS: 1200-1400 LBS. HIGH CHOICE AND PRIME 82.00-85.00; AVG. CHOICE 76.00-82.00; CHOICE HOLSTEINS 1600 LBS. 67.00-73.00.

FED HEIFERS: 1000-1100 LBS. 1 CHOICE AT 75.25, 2 LOW CHOICE 70.00-72.00.

VEAL CALVES: CHOICE 205 LBS. 98.00; CULLS 85-120 LBS. 70.00-86.00; 50-80 LBS. 62.00-72.00; WEAK AND ROUGH 62.00 DOWN.

FARM CALVES, HOLSTEIN BULLS 25.00 LOWER, #1 90-125 LBS. 120.00-145.00; #2 85-110 LBS. 85.00-120.00.

HOLSTEIN HEIFERS: 95-125 LBS. 120.00-141.00.

BUTCHER HOGS: 1.50 HIGHER. US#1 AND 3 215-260 LBS. 49.50-50.00; 200-215 LBS. 45.00-47.00; 280-350 LBS. 41.00-48.00.

SOWS: HEAVYWEIGHTS 2.00 HIGHER. FEW 350 LBS. TO 39.50; 500-700 LBS. 40.00-42.25.

BOARS: TO 31.75.

STOCK CATTLE, SMALLER RUN, PRICES LOWER. STEERS 300-500 LBS. 62.00-76.00; 500-700 LBS. 65.00-81.00; 700-900 LBS. 65.00-74.00; 900-1075 LBS. 64.00-70.00.

HEIFERS: 400-500 LBS. 62.00-73.00; 500-700 LBS. 60.00-68.00.

BULLS: 300-400 LBS. 62.00-68.00.

DAIRY REPLACEMENTS: GOOD SELECTION, FRESH COWS 800.00-1100.00; SMALL 500.00-700.00; SPRINGERS LARGE 900.00-1055.00; MEDIUM 700.00-900.00; OPEN HEIFERS BY THE POUND, 250-400 LBS. 80.00-103.00; PUREBREDS 110.00-150.00; 500-700 LBS. 68.00-80.00; 700-900 LBS. 66.00-68.00; HOLSTEIN BULLS TO 810.00 AND 1 1455 LBS. AT 66.00.

LAMBS: CHOICE 85-110 LBS. 59.00-61.50.

GOATS: LARGE 60.00-85.00; MEDIUM 35.00-51.00.

PIGS AND SHOATS: BY THE HEAD, 120 HEAD. UNDER 30 LBS. 10.00-17.00; 30-50 LBS. 18.00-27.00; 50-75 LBS. 30.00-41.00; BY THE POUND, 75 HEAD, 140-180 LBS. 45.00-47.00, 1 LOT 117 LBS. 42.00.

STOCK BOARS: 5 HEAD, 148 LBS. 38.00.

NOTE: NEXT WED. 10 HOLSTEIN-HEREFORD X STEERS 1200 LBS. GRAIN FED.

DEMAND WILL BE GOOD FOR ALL TYPES OF BUTCHIER ANIMALS NEXT WEEK.

THIS WEEK FED STEERS AND COWS BROUGHT RECORD HIGH PRICES.

Dewart Livestock

Dewart, Pa.
December 18, 1989
Report Supplied by PDA

CATTLE 180. COMPARED WITH LAST MONDAY'S MARKET: SLAUGHTER COWS MOSTLY 2.00 TO 2.50 HIGHER. FEW SELECT SLAUGHTER STEERS 65.25-69.00; FEW CHOICE HOLSTEINS 66.25-68.75, FEW SELECT 60.25-64.00. FEW CHOICE SL. HEIFERS 68.00-73.00, FEW SELECT 66.00-69.25, FEW SELECT HOLSTEINS 61.75-65.25. BREAKING UTILITY & COMMERCIAL SL. COWS 49.50-54.50, CUTTER & BON. UTILITY 50.00-55.50, COUPLE 57.00, CANNER & LOW CUTTER 45.00-49.50, SHELLS DOWN TO 41.00. FEW YIELD GRADE NO. 2, 1045-1500 LBS. SL. BULLS 54.50-61.50. FEEDER CATTLE: FEW MEDIUM FRAME NO. 1, 375-800 LBS. STEERS 66.00-78.00.

CALVES 211. FEW CHOICE VEALERS 88.00-116.00, STANDARD & GOOD 70-100 LBS. 65.00-73.50, UTILITY 60-90 LBS. 55.00-65.00, FEW DOWN TO 40.00. FARM CALVES: HOLSTEIN BULLS NO. 1, 90-130 LBS. 130.00-152.00, NO. 2, 80-125 LBS. 75.00-140.00; HOL. HEIFERS 75-90 LBS. 72.50-125.00, 95-125 LBS. 130.00-169.00.

HOGS 78. FEW LOTS US 1-2 210-245 LBS. BARROWS AND GILTS 52.70-52.90. US NO. 1-3 300-630 LBS. SOWS 40.00-44.00. BOAR, ONE AT 32.50.

FEEDER PIGS 152. US NO. 1-3 25-40 LBS. FEEDER PIGS 22.00-28.00, 50-70 LBS. 30.00-37.00, FEW 120-125 LBS. 39.00-41.00 -- ALL PER HEAD.

SHEEP 4. FEW SLAUGHTER EWES 20.00.

GOATS 0. NO MARKET TEST.

St. Louis Cattle, Hogs

Thursday, December 21, 1989

OPENING MID-SESSION WEEKLY CLOSE CATTLE AND CALVES: 350 (25 SLTR, 325 FDRS) RECEIPTS CONSISTS OF FEEDER CATTLE AND COWS FOR REGULAR THURSDAY AUCTION.

SLAUGHTER SUPPLY CONSISTS OF COWS. TRADING ACTIVE. COWS FULLY STEADY.

SLAUGHTER CLASSES: COWS CUTT, UTIL, COMM BULK SALES HI-DRESS % LO-DRESS % BREAKING 2-4 45.00-49.00.

BONING 1-2 49.00-53.00 51 00-54 00 PART LOAD 55 00.

LOW TO AVG CUTTER 46.00-50 00

RECEIPTS THIS WEEK 1,300: WEEK AGO 1,800: YEAR AGO 1,700 FOR THE WEEK SLAUGHTER STEERS CLOSED MOSTLY 1.50 HIGHER. SLAUGHTER HEIFERS MOSTLY .50, INSTANCES 1.00 HIGHER. COWS FULLY 1.00 HIGHER. BULLS 1.00-2.00 HIGHER. SLAUGHTER SUPPLY MAINLY CHOICE STEERS AND HEIFERS, AROUND 10% COWS, WITH LIGHT SUPPLY HOLSTEIN STEERS.

East Coast Carlot

Wed., Dec. 20, 1989
Report supplied by USDA

EAST COAST CARLOT MEAT TRADE DELIVERED PRICES (CAF) BOSTON TO WASHINGTON AREA INCLUSIVE.

COMPARED TO LAST WEEK: NO SALES REPORTED ON LAMB CARCASSES.

COUNT ON YOUNG'S TODAY AND TOMORROW

For RESEARCHED Products That Work:

* Research demonstrates that **Young's TOP DAIRY® Medicated Pack** increases milk production up to 3 to 5 pounds per cow per day.
* Improves Reproductive Performance.
* Reduces Somatic Cell.

Ask Your Young's Representative or Dealer About The **Money Back Guarantee** On Top Dairy

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We Want To Help You Reduce Your Feed Costs

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- DRIED CORN DISTILLERS
- MIXES

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1-800-544-4574 Marietta, PA 17547

Green Dragon Livestock Sales

Location: Ephrata RD 4. 1 mile N. on North State St., Ephrata.

COWS COWS COWS

SALE EVERY FRIDAY

Lots of good Northern Feeder & Stockers. Slaughter Cows - Bull Steer, Veal-lamb.

11:00 A.M.-Beef Sale 200-300 each week.
1:00 P.M.-Dairy Sale.
7:00 P.M.-Small Animal Sale.

For Special Sales and Herd Dispersals on farm or at our barn or other market information call: Office 717-733-2444, Home 717-838-4318.

WALTER H. RISSER, Proprietor

All out of state and new buyers must have cash or certified check or current letter of credit from bank.

Greencastle Livestock

Greencastle, Pa.

Monday, Dec. 18, 1989

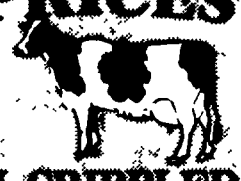
SLAUGHTER CATTLE RECEIPTS 411 HD. SLAUGHTER STEERS: 101 HD. TREND. 1.00-2.00 HIGHER. HIGH CHOICE & PRIME 2-4 CHOICE 2-3 950-1075 LBS. 71.50-75.50, CHOICE 2-3 1075-1375 LBS. 75.00-82.00, CHOICE 2-3 OVER 1375 LBS. 74.00-78.75, CHOICE 4 ALL WEIGHTS 69.00-72.00, SELECT & CHOICE 1-2 950-1100 LBS. 69 00-74.00, SELECT & CHOICE 1-2 1100-1375 LBS. 67.00-71.00, SELECT & CHOICE 1-2 OVER 1375 LBS. 65.00-69 50. HOLSTEINS CHOICE 2-3 1050-1450 LBS. 64 00-70.00, SELECT 1-2 1050-1450 LBS. 56.00-63.50. SLAUGHTER HEIFERS: 37 HD. TREND: 1.00-2.00 HIGHER. CHOICE 2-3 850-1000 LBS. 65.00-71.50, CHOICE 2-3 1000-1250 LBS. 69.00-76.00, CHOICE 4 ALL WEIGHTS 65.00-68 50, SELECT & CHOICE 1-2 850-1000 LBS. 66 00-71.00. SELECT & CHOICE 1-2, 1000-1250 LBS. 68.00-74.25. HOLSTEINS: CHOICE 2-3 1000-1350 LBS. 60 00-64.00, SELECT & CHOICE 1-2, 1000-1350 LBS 54.00-57.50. SLAUGHTER BULLS: 10 HD. TREND: 2 00-3.00 HIGHER. YIELD GRADE 1 ALL WEIGHTS 64.00-69.75, YIELD GRADE 2 ALL WEIGHTS 57.00-63.50. BULLOCKS: 4 HD. SELECT 1-2 950-1250 LBS. 60.00-66.00. COWS: 259 HD. TREND. 2.00 HIGHER. BREAKING UTILITY & COMMERCIAL 52.00-60.00, CUTTER & BONING UTILITY 48.50-57.00, CANNER & LOW CUTTER 48 00 & DOWN.

STOCKER & FEEDER CATTLE RECEIPTS: 75 HD. TREND: STEADY TO WEAKER ON LIGHT CATTLE, MOSTLY CATTLE GOOD AND HIGHER. BEEF TYPES: 200-400 LBS. STEERS 75.00-85.00, BULLS 70.00-80.00, HEIFERS 65.00-75.00, 400-600 LBS. STEERS 70.00-81.00, BULLS 65.00-74 00, HEIFERS 65.00-74.00; 600-800 LBS. STEERS 70.00-77.50, BULLS 60.00-66.50, HEIFERS 63.00-70.00, 800-975 LBS. STEERS 67.00-75.00, BULLS 56.00-61.50, HEIFERS 60.00-67.00. HOLSTEINS & DAIRY CROSS: 200-400 LBS. STEERS 67.00-74.00, BULLS 65 00-70 00, HEIFERS 80.00-100.00; 400-600 LBS. STEERS 60.00-65.25, BULLS 56.00-64.00, HEIFERS 59.00-69.00; 600-800 LBS. STEERS 60.00-64.00; 800-975 LBS. STEERS 57.00-60.50.

CALVES: 501 HD. VEAL CALVES: TREND: STEADY TO 3 00 HIGHER CHOICE 150-300 LBS. 89.00-110.00, GOOD 150-300 LBS. 75 00-90.00, GOOD 100-150 LBS. 75.00-87 00, GOOD 80-100 LBS. 70.00-75.00, STANDARD 80-100 LBS. 64.00-69.00, STANDARD 80 LBS. & DOWN 63.00 & DOWN. CALVES RETURNING TO THE FARM: TREND. 10 00 LOWER ON BULLS- 10 00 HIGHER ON HEIFERS. HOLSTEIN BULLS OVER 100 LBS. UP TO 150 00, UNDER 100 LBS. UP TO 139 00; HOLSTEIN HEIFERS OVER 100 LBS. UP TO 170.00, UNDER 100 LBS. UP TO 160.00; BEEF TYPE BULLS OVER 90 LBS. UP TO 120.00, BEEF TYPE HEIFERS OVER 90 LBS. UP TO 100 00.

NO SALE ON CHRISTMAS. SALE AS USUAL ON NEW YEARS DAY.

TOP PRICES PAID



FOR DOWN, CRIPPLED AND AS IS COWS, BULLS AND STEERS

Slaughtered Under Federal Inspection

Top Prices For All Breeds Of Cull Cows, Bulls & Steers

All Paid On Dressed Weight

MULVANEY LIVESTOCK TRUCKING Easton, PA (215) 258-1670

HANDLING: Warren, Hunterdon, Counties, New Jersey

IN PENNA. Northampton, Bucks, Lehigh, & Parts of Berks, Carbon, Monroe & Schuylkill Counties

An Invitation To Lancaster County Vegetable Growers

Hear Don Robinson At
The Bareville Fire Hall

January 9, 1990 at 12:30 PM
(Snow Date January 11th)

Don Will Be Speaking On The Following Subjects:

- Yields On Vegetable Demonstration Plot At Leola Produce
- Comparison of Vegetable Varieties
- Guide Lines on Packaging Quality Vegetables
- Economics of Vegetable Production

Also Speaking
Bruce Hellerick
Lancaster County Horticulture Agent
- Pesticide Use and Safety

On Display
A Trickle Irrigation System By Warren Nolt

Meeting Will Qualify Farmers For Pesticide License Update Credits

Check For Lower Plastic Prices and Early Order Discounts In Effect

Leola Produce Auction, Inc.

Wholesale Auction of Lancaster Co. Vegetables

Brethren Church Road
Leola, PA 17540

Lloyd Horst, Manager
215-267-6072 (Home)

Office 717-656-9592
Lic. #AH000028-L 656-9580

EVERGREEN TRACTOR CO., INC.

The Management and Employees of Evergreen Tractor Company, Inc., wish you and your family a Merry Christmas and a Happy New Year!

ANNOUNCING THE AVAILABILITY OF USED PARTS FOR THE FOLLOWING MACHINES:

- 7000 Planters
- 2500 Plows
- F350 Hydraulic Reset Plows
- Cultivator Parts
- Grain Drills
- Trip Plows
- Disc Harrows
- Cultipackers and Roller Harrows (John Deere and Brillion)
- 35 and 3800 Harvesters
- Grain Platform
- Combine Corn Head

This is a partial listing. Please call for availability even if your machine is not listed.

TRACTORS:

JD 2040 Diesel $6,950
Cab, Hiniker, model 1300 for 2630 Tractor, nice $975
JD 7020 Articular Tractor w/Duals, PTO, Cab, Air, 3 Pt. Triple Outlet $15,900
JD 4010 Turbo, WF, Sharp $6,850
JD 4020 w/Cab, WF, Syncro $8,950
NH L325 Skid Loader, 411 Hrs., nice 6,850
JD 2640, R&P, Dual Remote $10,500
JD 4030 QR Fender Tractor $12,950
JD 2510 Diesel, Syncro, Sharp $6,950
JD 2640 With Hi-Lo, Loader And Spray Coop Tab $14,500
JD 3020 Gas, Power Shift w/Loader $7,850
JD 4020 Power Shift w/Year Round Cab $8,950
JD 2440 Tiger Stripe w/Loader $13,500
Case 1816B Skid Steer Loader $3,750
JD 3020 Side Console w/Power Shift, Nice $9,250

COMBINES & PICKERS:

6620 Side Hill, turbo hydro, heater & air, monitor, spreader.
NI 816 combine, sharp
#244 SOLD Head
JD #343 3 Row 30" Corn Head $3,650
13' Rigid Head for Side Hill $1,750
NI #702 Uni System w/#737 Picker And #743 3 Row Corn Head, Sharp Unit $8,750
NH 890 2 Row Narrow Snapper Head $1,200
(2) JD 443 Corn Heads ..... ea. $4,650
JD 643 Corn Head
JD 4400 Diesel Rotary Screen Combine, Auto Header Heights, Air, Monitor, 23.1x26, and VS Feeder House
JD 213 Flex Yellow Reel
JD 6600 Diesel Side Hill Hydro Combine, Auto Header Heights, 28L Tires, Nice $21,750
JD 300 Hu SOLD pice Of Heads
JD 216 Rigid, Very Sharp $3,650
JD #444 Corn Head $3,650
JD #213 Rigid Grain Head $3,650

HAY & FORAGE EQUIPMENT:

NI #402 Rake
JD 1 Row, Row Crop Attachment, Nice $550
JD 5½' Pickup Attachment
JD 2 Row 30" Row Crop Attachment
Ford 3 Pt. Flail Mower
MC 7' Rotary Scythe $1,450
JD 24T Baler w/Ejector
JD Running Gear $350
NH 259 Rake $1,650
NH 1010 Bale Wagon $4,350
JD 336 Baler w/30 Ejector
IH #35 Side Rake $1,150
Woods 10' Pull Type Rotary Cutter $2,650
JD 25A Flail Mower, Almost New $1,850
JD 15A Chopper $1,350
JD 27 6 Row Stalk Shredder $2,950

PLANTERS & GRAIN DRILLS:

JD #1240 Plateless Planter $1,500
White 5400 6 Row Air Planter $2,350
IH #56 4 Row Planter $1,150
JD 8300 21x7 DD Drill $4,200
JD 8350 23x7 Drill w/Grass And Gang Press Attach., Nice $5,800
JD 7000 No-Till Planter, Liquid Yetter, Counters, Monitor, Nice $8,750

PLOWS-MOLDBOARD AND CHISEL:

JD 7B 2500 Plow $3,950
JD F350 5-16" Hyd. Reset Plow $2,350
JD 1450 6-16" Semi-Mtd. Plow $2,250
Brillion 9 Tooth V Ripper $2,650
JD 3200 6x16 Spring Reset Trailer Plow $3,850
JD 2500 5-18 Spring Reset Plow $3,850
JD F845 3-16" Roll Over Plow $2,850
JD 4-16" F325 Auto Reset Plow $1,250
JD 2500 4-18" Auto Reset Semi-Mounted Plow, Nice $3,850
IH 720 5B Auto Reset Plow $3,950

DISCS AND FIELD CULTIVATORS

JD 12' TWA Plowing Disc $3,250
JD BW 14' Disc $1,450
JD 8' Killiffer Offset Disk $575
IH 9" Wheel Controlled Disk $975
Kewanee 12' Rock Flex Disc $2,450
Brady 20' Wing Fold Field Cultivator $1,850
Kewanee 800 Rock Flex Plowing Disc 12' $2,950
JD BWF 18' Wing Fold Disc $2,650
JD BWF 16' Wing Fold Disc $2,650
JD 230 Wing Fold 20' Disc $5,850
JD 12' Mulch Finisher, Like New $5,950
JD #210 12' Disc Black Gang $2,650

ROLLER HARROWS AND CULTIMULCHERS

IH 315 12' Roller Harrow $3,450
JD F950 15' Roller Harrow, Nice $3,650
IH #315 12' Roller Harrow $2,850

CULTIPACKERS

Brillion 10' w/Big Shaft $950
Brillion 3' Section 28' Packer $2,450
Brillion 12' Packer, Big Shaft $1,150
JD 10' Packer $1,050
(1) (2) Each Brillion 12' Packers w/Transport ..... each $1,250
Brillion 16' Packer w/Transport $1,950

ROW CROP CULTIVATORS & ROTARY HOES

JD 4 Row Front Mount Cultivator For 3020 ..... $1,550
JD RM 6 Row Cultivator $1,675
JD RM 4 Row Cultivator $1,275
JD RM 8 Row 30" Cultivator w/Transport $2,275
JD 415 Rotary Hoe $1,550

MISCELLANEOUS:

Westfield 31'x6" PTO Auger, almost new $1,150
14.9x38 Direct Axle Dual Wheels
Kelley Loader for JD Row Crop $1,650
NH 352 Grinder-Mixer $2,450
JD 660 Spreader w/ SOLD l Gate $3,650
Donahue Implement Trailer $1,750
JD 680 Tandem Axle Spreader $3,200
(2) NH 795 Tandem Axle Spreaders ..... ea. $3,200
John Blue 500 Gallon Heavy Duty Sprayer $4,850
JD 12' Dozer Blade for 30 and 40 Serige Articulated Tractor $2,650
Badger BN3260 Spreader w/Single Beater, Like New $2,850

GRAIN DRYERS:

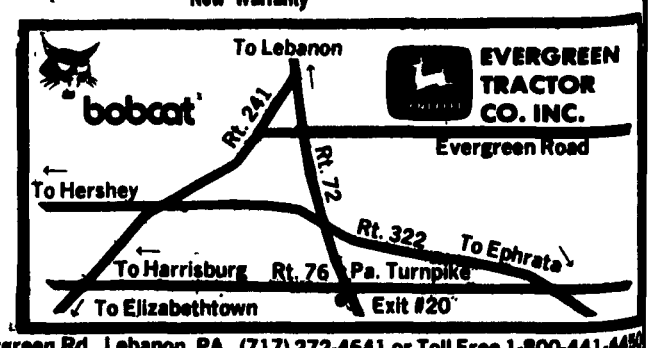
New Farm Fans AB8 Auto-Batch Dryer. MUST MOVE. CALL FOR PRICE.... (Dealer Inquiries Welcome)

NEW JOHN DEERE EQUIPMENT AT BELOW DEALER COST

AMT 600 Demo Unit $2,450
JD 575 Dsl. Skid Steer Loader w/54" Bucket Only 1 Demo Unit Left ..... ~~$12,500~~ $11,750 New Warranty

Coming In...

Brillion 10' Cultimulcher, late model, nice
IH 720 6B Auto Reset Plow
JD 2600 Variable Width 4B Semi-Mounted Auto Reset Plow, Sharp
JD B 14x7 Plain Drill w/Grass, Sharp
IH 12' #45 Vibra Shank w/Harrow
IH 16' #45 Folding Vibra Shank w/Harrow
Brillion 15' Cultimulcher



30 Evergreen Rd., Lebanon, PA., (717) 272-4641 or Toll Free 1-800-441-44[illegible]

Philadelphia Vegetables

Philadelphia, Pa.

Wednesday, December 20, 1989

ARTICHOKES ABOUT STEADY CA ctn 24s 18.00 36s 15.00 60s 20.00.

ASPARAGUS SUPPLIES LIGHT PERU 11-LB CRT BCHD 12S LGE 40.00.

BEANS ABOUT STEADY FL various bu containers Round Green type some incl fair cond 12.00-14.00.

BEETS ABOUT STEADY NJ topped bubkt few 11.00-12.00 FL crt bchd 12s 6 50-7.00.

BROCCOLI HIGHER CA ctn bchd 14s 10 00-12.00 mos 12.00 18s 13.00 AZ ctn bchd 14s 11.00-12.00 TX ctn bchd 14s 9 00-11.00 mos 10.00 NC ctn bchd 14s fair cond 6.75 some 7.00.

BRUSSEL SPROUTS CA 25-lb ctn 16.00-18.00 mos 18.00.

CABBAGE SUPPLIES LIGHT 1-3/4 buctn & crt med green unless otherwise stated FL 10.00 GA fair cond 7-7.50 TX 50-lb ctn Red med 8.00 NY 50-lb sks lge 4.50-5.00 few 5.50.

CARROTS ABOUT STEADY 48-1 lb film bags in film sacks CA med-lge 8.00 FL med 7.00 50-lb sacks loose jumbo FL 5.50-6.00 mos 6.00 CANADA 5-5.50 mos 5.00 ctn bchd 24s CA 10.00-10.50 mos 10.00 miniature type CA ctn 24s 12.00.

CAULIFLOWER ABOUT STEADY CA ctn film wrpd 12s 10 00-12.00 mos 10.00-11.00 16s 9-9.50 FL ctn film wrpd 12s 8.00-9.00.

CELERY SLIGHTLY LOWER CA ctn 1-1/2 doz 11.00-12.00 mos 12.00 2 doz 11.00-13.00 mos 12.00 2-1/2 doz 11.00-12.50 mos 12.00 fair cond 9.00-10.00 film wrpd fair cond 9.00- 10.00 3 doz 9.00-10.00 fair cond 7.00-8.00 FL ctn 2-1/2 doz 9.00-10.00 3 doz 9.00 4 doz fair cond few 5.00 TX ctn 2-2-1/2 doz 9.00 3 doz 8.00.

CHINESE CABBAGE LOWER FL celery crt 8.00-9.00 mos 9.00 CA 50-lb ctn Nappa 12.00 Bok Choy 11.00- 12.00 65-lb crt Nappa 14.00 MEXICO 30-lb ctn Nappa & Bok Choy 9.00.

CORN SUPPLIES LIGHT wirebound crate approx 4-1/2 doz FL Yellow fair qual 11.00.

CUCUMBERS LOWER 1-1/9 buctns waxed medium unless otherwise stated FL 10.00-12.00 fair cond 6.00-7.00 fair qual 8.00-10.00 fair cond 5.00-6.00 MEXICO 15.00-16.00 fair qual 10.00-11.00 sml 15.00.

DAIKON CA 40-lb ctn 12.00.

EGGPLANT STEADY FL 1-1/9 buctn med 14.00 fair qual 9 00-10 00

ENDIVE ABOUT STEADY FL 1-1/9 bucrt 5.00-6.50 mos 6.00 CA ctn 24s 10 50 BELGIUM 10-lb ctn Wit- loof type 16 00

ESCAROLE LOWER FL 1-1/9 bucrt 5.00-6.50 mos 6 00 CA ctn 24s 10.50.

GARLIC per lb CA 30-lb ctn White colossal 1.40-1 50 super jumbo 1.30 exjbo 1 15-1.20 jbo 1 06-1.10.

GREENS ABOUT STEADY crt approximately 1-1/2 bu bchd unless otherwise stated GA Collards, Mustard & Turnip Tops 6.00-7.00 mos 7 00 Kale 6 00-7.00 mos 6.50 Rape 6.00-7 00 TX Collards & Kale 7.00 CA Kale 8.00 Red 15.00 20-lb ctn lse Broccoli Rabe one label 16.00-17.00 FL Kale few 6.00 MEXICO 20-lb ctn Broccoli Rabe 10.00-12.00.

LEEKS ABOUT STEADY FL crt bchd 12s 12.00-14.00 CA ctn bchd 12S 11 00.

LETTUCE ICEBERG ABOUT STEADY ctn 24s unless otherwise stated AZ 6.00-7.00 some incl one label high as 7.50 fair cond 3.00-5.00 ord cond 1.00-2.00 mos 2.00 film wrpd 6.00-8.00 mos 7.00-8.00 some 9.00 fair cond 5 00-7.00 mos 6 00 poor cond 2.00 30s 4 00-6.00 mos 4.00-5.00 18s 5.00 CA 6.50-7.50 mos 7.00 few 6 00 film wrpd 6-6 50 ROMAINE FL STEADY, OTHERS HIGHER CA 24s ctn 10 00-13.00 ord cond 2.00-5.00 crt 15 00 AZ ctn 24s 10 00-11.00 FL ctn 24s 7.00-8 00 BIG BOSTON CA ctn 24s 9.00 AZ ctn 24s 7 00 FL ctn 24s 6.00-7 00 BIBB FL ctn 24s 6 00-7.00 LEAF CA ctn 24s 8.00-10.00 Red 7.00-10.00 mos 7.50-8.00 AZ ctn 24s incl Red 8.00

MUSHROOMS STEADY PA 4-qt bkt med-lge 5-5.50 sml-med 4 25-4 50 few 4.00 10-lb ctn med 9.25- 9.75 exlge 11.50-12 00 packages 10-12 oz 9 25-9.75 3-lb ctn Shiitake 18.00 fair qual 13 00-14 00.

OKRA TOO FEW SALES TO QUOTE

ONIONS-GREEN MEXICO HIGHER, TX STEADY TX ctn bchd 24s med-lge bulb 12.00 MEXICO ctn bchd 48s 5 00-7.00 mos 6.00- 7.00.

PARSLEY ABOUT STEADY bchd 5 doz Curly unless otherwise stated FL ctn 8.00-10.00 few 7.00 Plain 8 00 CA crt 8.00-10 00 MEXICO ctn 30s incl Plain 5.00

PEAS-GREEN CA bucrt few 20.00.

PEAS-SOUTHERN NO SUPPLIES.

PEAS-SUGAR LOWER 10-lb ctn per lb GUATEMALA 1.60-1 70 Sugar Snap type 2.40

PEPPERS SLIGHTLY LOWER 1-1/9 bucrts & ctns Calif Wonder type Green unless otherwise stated FL exlge 7.00-8.00 mos 8.00 few 9.00 lge 6.00-7.00 mos 7.00 few 8.00 fair qual 5.50 med 5 50-6 00 mos 6 00 few 6.50 sml 5-5 50 Mixed Red med 6 00-7.00 Red lge 25.00 sml 20 00 1/2 buctn Longhots 14 00-15 00 Fingerhots 8 00-9 00 TX Red lge 18 00-20 00.

RADISHES ABOUT STEADY FL ctn Red 30-6 oz film bags 3 00-4 00 mos 4 00 14-1 lb film bags 4 25.

RUTABAGAS CANADA 50-lb ctn & sks CD#1 waxed med 7.00.

SPINACH ABOUT STEADY Savoy type NC 1-1/4 bucrt 9.00-10 00 Flat type TX ctn bchd 24s 10.00- 12.00 CA ctn bchd 24s 11.00.

SQUASH FL YELLOW STRAIGHTNECK LOWER, OTHERS ABOUT STEADY FL 1/2 buctn Zucchini sml-med 12.00-14.00 mos 14.00 fair cond 8 00-9.00 med 12 00-13.00 fair cond 7.00 Yellow Straightneck sml-med 16.00-18 00 ord qual & cond 3.00-4.00 MEXICO 26-lb lug Zucchini sml-med 14.00-15.00 med 10 00-12 00 CA 1-1/9 buctn Spaghetti 12.00.

SWEET POTATOES ABOUT STEADY NC 40-lb ctn Jewel type US#1 cured 15.50-16.00 mos 16.00 fair qual 7.00 lge 11.00.

TOMATOES LOWER 25-lb ctn Pink to Light Red 85% US #1 qual or better unless otherwise stated FL 5x6s 15.50-17.00 mos 16.00 few higher 6x6s 12.00-14.00 Red 10.00-11.00 6x7s 6.00-7.00 mos 7 00 few 7.50 fair qual 5x6s 14.00-15.00 mos 14.00 6x6s 10.00-11 00 6x7s 7.00 REPACKED LOCALLY FL 5x6s 18 50 6x6s 14 50 6x7s 11.00 PLUM TYPE FL 25-lb ctn 12.00 Red 9-9.50 fair cond 5.00-6 00 CHERRY TYPE flat 12-1 pt trays SUPPLIES INSUFFICIENT TO QUOTE.

TURNIPS STEADY PA topped 25-lb med mesh bags 6.00.

WATERCRESS FL ctn bchd 24s 9.50

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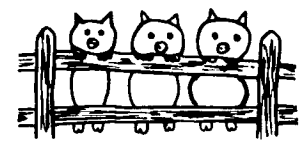

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ATTENTION
TOBACCO FARMERS

The marketing season is now open **GOLDEN LEAF TOBACCO COMPANY INC.** is now buying 609 tobacco. Our office and receiving station is located at Martin's Sale Barn, 2 miles east of Intercourse, PA, Rt. 340. Open from 8 a.m. to 5 p.m. Monday through Friday.

We take pride in being one of the most reliable and trusted tobacco purchasing companies in Lancaster County.

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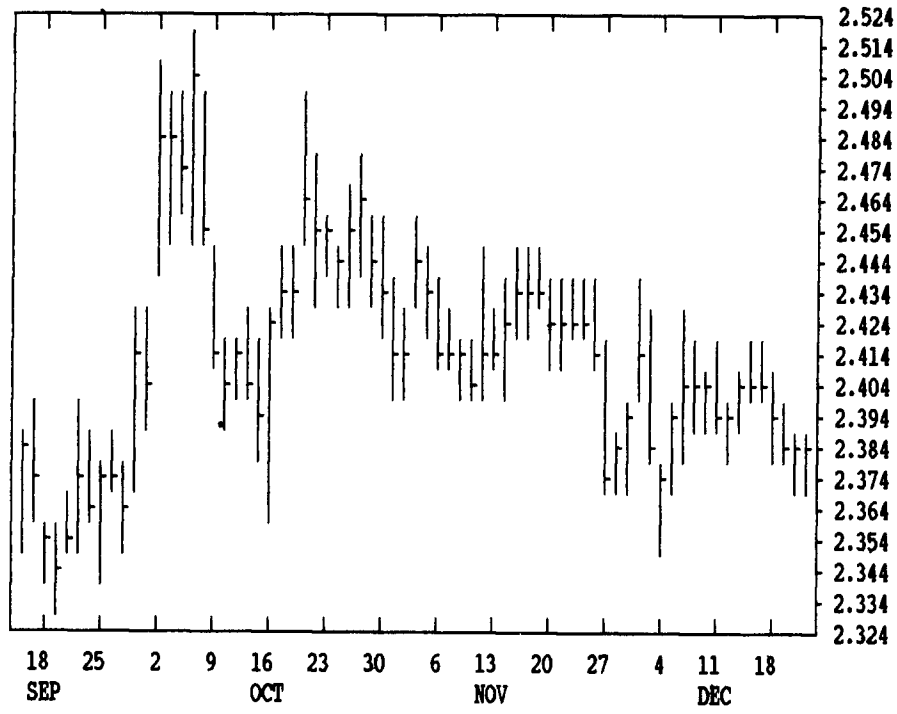
GRAIN, CATTLE AND HOG FUTURES MARKETS

From DTN farmer satellite daily update. Service phone: (717) 691-7609.

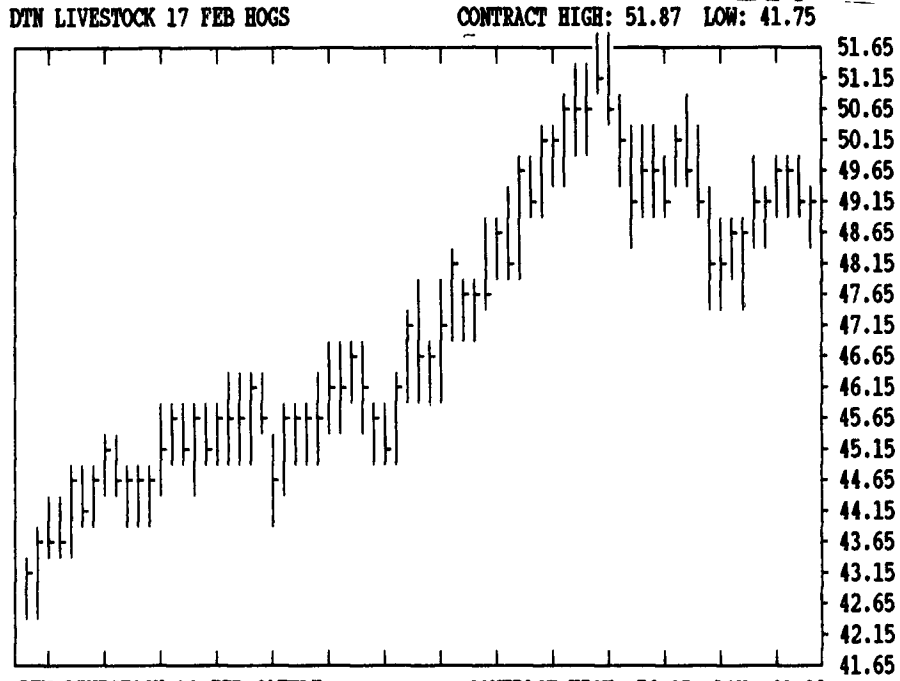
Closing bids: Thursday, December 21)

	LIVE CATTLE					FEEDER CATTLE					LIVE HOGS			
	HIGH	LOW	LAST	CHG		HIGH	LOW	LAST	CHG		HIGH	LOW	LAST	CHG
FEB	7685	7627	7680*	+40	JAN	8485	8447	8480*	+25	FEB	4950	4885	4947*	+35
APR	7495	7450	7492*	+35	MAR	8345	8295	8337*	+30	APR	4547	4490	4542*	+15
JUN	7162	7107	7160*	+50	APR	8235	8195	8232*	+27	JUN	4875	4820	4865*	+3
AUG	7165	7105	7152*	+50	MAY	8152	8120	8137*	+27	JLY	4880	4832	4870*	+18
OCT	7185	7130	7182*	+47	AUG	8085	8035	8085*	+40	AUG	4775	4720	4775*	+33
DEC	7205	7200	7205*	+35	SEP	8000	8000	8000*	+5	OCT	4365	4340	4350*	+5

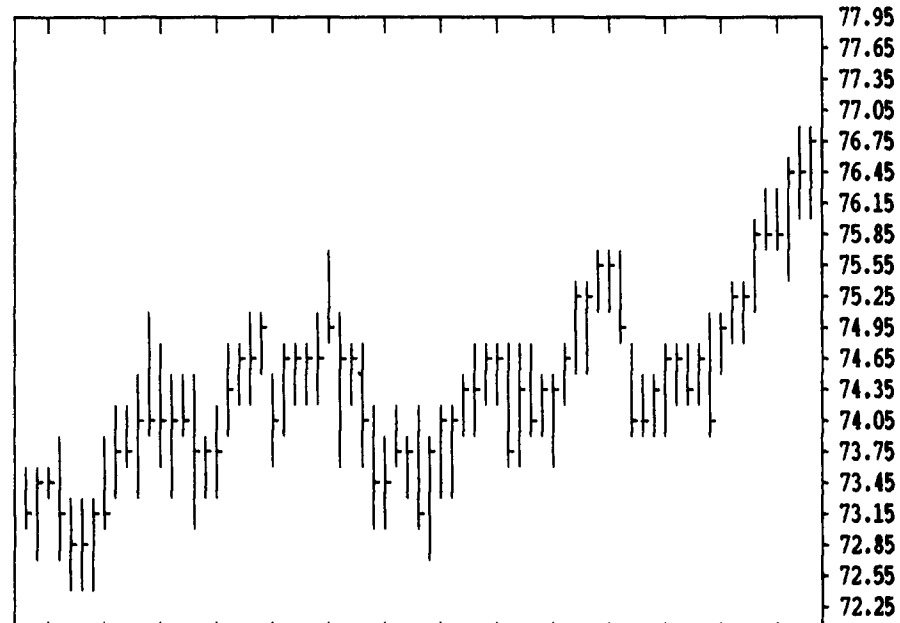
DTN GRAINS 16 MARCH CORN CONTRACT HIGH: 2.864 LOW: 2.260



DTN LIVESTOCK 17 FEB HOGS CONTRACT HIGH: 51.87 LOW: 41.75

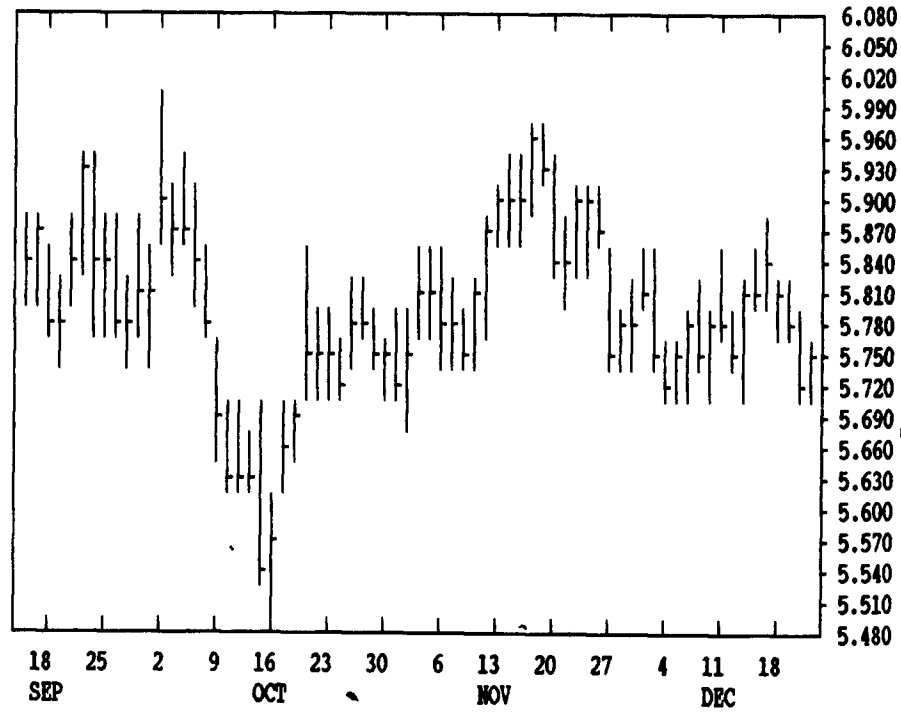


DTN LIVESTOCK 18 FEB CATTLE CONTRACT HIGH: 76.85 LOW: 69.80



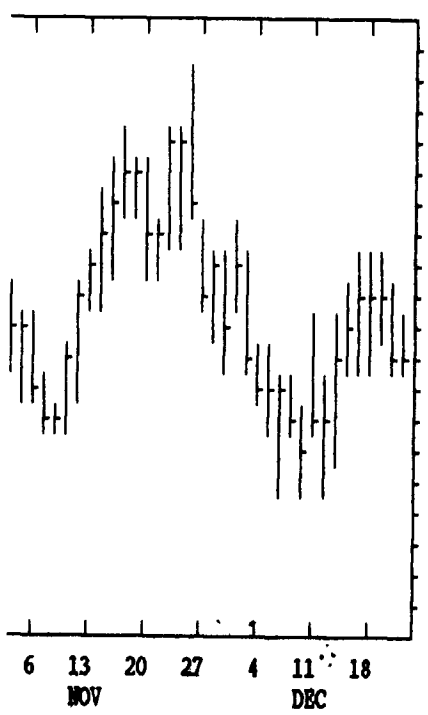
DTN FUTURES 10 12/21		TECHNICAL COMMENTS			DTN FUTURES 10 12/21					
		MOVING AVERAGES				PAST WEEK'S (ENDING 12/15)			CURRENT	
	CLOSE	4-DAY	9-DAY	18-DAY		HIGH	LOW	CLOSE	SUPPORT	RESISTANCE
MAR WHEAT	4.12 3/4	4.13	4.13 1/2	4.10 1/2	DEC WHT	4.17	4.10 1/2	4.13	4.02 MAR	4.20
JLY WHEAT	3.60 1/4	3.60 3/8	3.60 3/8	3.59 1/4	JLY WHT	3.64	3.57	3.61	3.47	3.65
KC MAR WHT	4.10 1/2	4.09 1/2	4.09 3/4	4.08	KC DEC	4.19	4.15	4.15 1/4	4.00 MAR	4.15
KC JLY WHT	3.70	3.69	3.69	3.69	KC JLY	3.73	3.66 1/2	3.69 1/2	3.44 1/2	3.75
MAR CORN	2.38 3/4	2.38 3/4	2.39 3/4	2.39 3/4	DEC CORN	2.37 3/4	2.31 3/4	2.35 3/4	.	.
JLY CORN	2.48 1/4	2.47 5/8	2.48 1/4	2.47 5/8	MAR CORN	2.42	2.38 1/2	2.40 3/4	2.33 1/2	2.44
DEC90 CRN	2.45 1/4	2.46	2.45 1/8	2.42 3/4	DEC90 CN	2.47	2.41 1/4	2.46	2.40	2.48
JAN BNS	5.74 1/2	5.76 7/8	5.78 7/8	5.78 1/4	JAN BNS	5.86 1/4	5.73 1/4	5.83 1/4	5.70	6.00
MAR BNS	5.89	5.91	5.92 3/4	5.91 5/8	MAR BNS	6.00	5.87	5.97	5.80	6.10
NOV90 BNS	6.17	6.18	6.18	6.13 3/8	NOV90 BN	6.26	6.09 1/2	6.21 1/4	6.00	6.53
JAN MEAL	182.30	183.13	182.51	182.25	DEC MEAL	184.20	179.20	184.10	175.50 JAN	185.00
JAN OIL	19.10	19.13	19.15	19.09	DEC OIL	19.28	18.76	19.19	18.70 JAN	19.50
FEB CTTL	76.80	76.45	75.94	75.21	DEC CTTL	77.95	75.95	77.92	.	
APR CTTL	74.92	74.73	74.58	74.37	FEB CTTL	76.15	74.70	76.07	75.00	.
JAN FDRS	84.80	84.63	84.05	83.45	JAN FDRS	84.30	82.80	84.27	82.00	.
FEB HOGS	49.47	49.57	49.17	49.36	DEC HOGS	53.15	50.57	52.90	.	.
APR HOGS	45.42	45.55	45.20	45.38	FEB HOGS	49.65	47.75	49.17	47.75	50.70
FEB BELS	49.60	50.72	50.81	53.94	FEB BLLS	53.15	49.65	51.42	46.00	54.00

DTN GRAINS 21 JAN SOYBEANS CONTRACT HIGH: 7.670 LOW: 5.510



	SOYBEANS					SOYBEAN MEAL					SOYBEAN OIL			
JAN	5764	5722	5744*	+6	JAN	1825	1818	1823*	-1	JAN	1917	1894	1910*	+7
MAR	5900	5854	5890*	+20	MAR	1816	1807	1813*	-1	MAR	1963	1936	1955*	+9
MAY	6034	5984	6022*	+16	MAY	1817	1805	1813*	-2	MAY	2002	1975	1996*	+7
JLY	6132	6084	6124*	+24	JLY	1830	1820	1827*	+1	JLY	2028	2001	2023*	+8
AUG	6140	6110	6140*	+16	AUG	1840	1825	1830*	-3	AUG	2030	2028	2029*	+9
SEP	6130	6104	6120*	+10	SEP	1850	1838	1845*	+4	SEP	2035	2024	2030*	+5
NOV	6184	6134	6170*	+12	OCT	1855	1850	1850*	+4	OCT	2040	2030	2035*	+4
JAN	6256	6256	6256*	+12	DEC	1875	1865	1870*	+9	DEC	2045	2042	2043*	+5

DTN GRAINS 23 JAN SOYMEAL
CONTRACT HIGH: 230.0 LOW: 175.5



DTN GRAINS 18 JULY WHEAT
CONTRACT HIGH: 3.850 LOW: 3.422

	CORN					CHICAGO WHEAT					K.C. WHEAT			
	HIGH	LOW	LAST	CHG		HIGH	LOW	LAST	CHG		HIGH	LOW	LAST	CHG
MAR	2390	2380	2386*	+2	MAR	4130	4116	4126*	-2	MAR	4110	4092	4104*	+4
MAY	2442	2430	2436*	+4	MAY	3906	3890	3904*	-2	MAY	3930	3914	3926*	+2
JLY	2484	2470	2482*	+10	JLY	3610	3584	3602*	+2	JLY	3704	3684	3700*	+10
SEP	2464	2450	2454*	-2	SEP	3656	3650	3652*	+2	SEP	3750	3740	3740*	0
DEC	2456	2444	2452*	-4	DEC	3764	3744	3762*	+2	DEC			3830*	.0
MAR	2520	2516	2520*	-4		K.C. SORGHUM					MINN WHEAT			
MAY	2570	2564	2564*	-6	MAR	2170	2164	2170*	+4	MAR	3964	3952	3960*	-12
		OATS			MAY			2220*	+10	MAY	3950	3942	3946*	-12
MAR	1544	1522	1544*	+22	JLY			2250*	+10	JLY	3830	3824	3826*	-12
MAY	1620	1600	1620*	+20	SEP					SEP	3760	3750	3754*	-10
JLY	1692	1676	1692*	+16	DEC					DEC	3980	3864	3980	

Philly Fruit Market

Philadelphia, Pa.

Wednesday, December 20, 1989

GRAPEFRUIT ABOUT STEADY FL 4/5 buctn Seedless Red 18s-6.50 23-27s 8.00 32-40s 8.50 48s 8.00 56s7 50 White 18s 5.50 32-36s 9.00 48s 8.50-9.00 56s 7.50 Indian River Red 18s9.00 23-27s 9.50 some 9.00 32s 9.50-10.00 36-40s 9.00-10.00 mos 9.50 48s8.50-9.50 56s 7-7.50 mos 7.00 Burgundy 27s 8.50 TX 7/10 buctn Star Ruby TxFcy 23-27s 15.00 32s 13.50 36-40s 12.50 48s 11.00 56s 10.00 US#1 fairappear 27s 16.00 40s 13.00.

LEMONS STEADY AZ ctn preferred label 140-200s 17.50 fair qual 95-165s 13.00-14.00 CA ctnpreferred label 95s 20.00-23.00 115s 23.00 140s 20.00 165s 18.50-21.00 200s18.50 fair qual 95-165s 14.50 200s 15.50 BAHAMAS ctn fair qual 115-165s10.00.

LIMES ABOUT STEADY 10-lb ctn Persian Seedless FL incl fair appear 48s 6.50-7.50 few higher54-63s 7-7.50 mos 7.00 few lwr MEXICO 48s 6-6.50 54-63s 5.00-6.50 mos 6.00.

MISC CITRUSSPAIN 22-lb crt Clementine 98s 25.00 120s 20.00-25.00 132-140s 22.00.

ORANGES STEADY CA ctn Navel 40s 14.50 48-56s 14.50-15.50 mos 15.00 72s 13.50-14.00 mos13.50 fair appear 12.00 88s 12.00-13.00 fair appear 11.00 113s 9.50-10.00138s 8.50 fair qual 56s 11.50 72-88s 9.50-11.00 mos 11.00 113s 9.00-10.00mos 9-9.50 138s 8.50 FL 4/5 buctn Hamlin 64-80s 8.00-9.00 100s 7.50-8.50 125s 7.00-8.00 mos 7-7.50 Navel 32s 12.00 36s 8-8.50 40s 10.00-11.00mos 10.50 some 11.50 48s 10.50-11.50 some 12.00 56s 10.50-11.50 64s 10.50- 12.00 80s 10.50-11.50 mos 10.50 100s 8.00-9.00 mos 8.50 one lot 7.00 TX7/10 buctn 100s 11.00.

TANGELOS STEADYFL 4/5 bucrt Orlando 54s 12.00 64s one lot 9.50 66s 12.00 80s 9.50-12.00mos 11.50-12.00 100s 9.50-10.50 some 9.00 120s 8.00 125s 7.50 Minneola 36- 64s 16.50 80s 14.50 100s 12.00 125s 10.00 4/5 buctn Orlando one label 66- 64s 22.00 80s 20.00 100s 18.50.

TANGERINES ABOUT STEADY FL 4/5 bucrt & ctn Sunburst 64s 25.00 80-100s 22.00-25.00 120s 20.00- 25.00 mos 20.00 150s 21.00-24.00 Dancy 80s 16.00-17.00 100s 15.00-18.00 mos17.00 120s 17.00-19.00 mos 18.00 some 15.00 150s 15.00-16.50 some 17.00fair cond loas 13.00 176s 11.00.

APPLES STEADY ctn tray packWA Red Delicious WAExFcy 64-72s 11.50 80s 11.50-12.50 mos 12.00 few 13.0088-100s 11.50-13.00 mos 12.00-12.50 113-138s 11.50-12.50 preferred labels56s 13.00-13.50 64s 13.50 72s 13.00-13.50 80-88s 13.50 100s 14.50 113-125s13.00 WAFcy 88-125s 11.00 Golden Delicious WAExFcy 64s 15.00 72s 15.00- 15.50 80s 14.50-15.50 88s 13.00-15.50 mos 14.00 100s 12.50-14.00 mos13.00-14.00 113s 12.00-12.50 mos 12.50 preferred labels 64s 17.00 80-88s17.50 100s 15.50 ME Red Delicious USExfcy 125s 8.50 VA Red Stayman USFcy56-100s 19.00-20.00 CA Granny Smith USFcy 80s 20.00 88s 21.00 100s 18.50113s 16.00 ctn cell pack WA Golden Delicious WAExFcy one label 96s 18.50120s 16.50 USExFcy 96s 13.00 NY McIntosh US#1 80s 11.00 120s 8.50-9.00140s 8.50 ctn 12-3 lb film bags USFcy VA Red Stayman 2-1/4" min 6.50-7.00PA Red Delicious 2-1/2" & up 7.50-8.00 NY McIntosh 2-1/4" min 8.50.

APPLE-PEARSCA 2-lyr ctn Shinko 50s 10.00.

APRICOTSCHILE 2-lyr ctn Castlebrite 96s 15.00 102s 13.00 Dina 96s fair cond 12.00.

AVOCADOS CA LOWER, FL STEADYFL 1-lyr ctn various greenskin varieties 6-10s 6.00 12s 6-6.50 CA 1-lyr ctnBacon 16s 10.00 2-lyr ctn Hass 40s few 43.00 occ lwr 48s 42.00-43.00.

BANANAS Imports ctn approximately 40-lb 12.

00 fair qual 10.25 film wrpd 11.00 Institutional pack Petite 150s 11.00.

CHERRIES ABOUT STEADY CHILE 11-lb ctn Bing no size marked 20.00-24.00 some 18.00 ord cond 7.00- 8.00.

COCONUTS DOMINICAN REPUBLIC sacks 40s few 14.00.

CRANBERRIES NO SALES REPORTED.

GRAPES-TABLE ABOUT STEADY CA 23-lb lug Ribier 14.00-15.00 mos 14.00 Calmeria 14.00 poor cond 3.00- 5.00 film bags Ruby Seedless 25.00 21-lb lug film bags Emperor one label 18.50 Ribier 12.00-14.00 some 11.00 20-lb lug wrpd Calmeria 12.00 fair cond 8.00-10.00 16-lb lug wrpd Black Seedless 12.00 CHILE 18-lb lug wrpd Per- lette 25.00-28.00 mos 25.00-26.00 some hias 30.00 Flame Seedless 26.00- 28.00 some 30.00 one lot 32.00 Black Seedless 23.00.

KIWIFRUIT STEADY CA 1-lyr flat 30-33s 8.00 36-39s 8.00-9.00 42s 6.50.

MANGOS NO SUPPLIES.

NECTARINES SUPPLIES LIGHT CHILE 2-lyr lugs May Glo 80s 10.00 Arm King 64s 12.00.

PAPAYAS HAWAII ctn via air 11-12s 11.00.

PEACHES ABOUT STEADY CHILE 2-lyr lug May Crest 78s 16.00 Springcrest 58s fair cond 8.00 60s 13.00 70s 9.00-10.00.

PEARS STEADY WA 4/5 buctn wrpd D'Anjou US#1 80s 22.00 90s 21.00-22.00 mos 22.00 100s 18.50-20.00 mos 19.00-20.00 110s 17.50-19.00 120s 17.00 few 16.50 150s 13.00-14.00 Bosc US#1 80-90s 28.00 100s 26.00 110s 18.50 120s 16.50 135s 13.50 OR 4/5 buctn wrpd D'Anjou US#1 90s 23.00 100s 20.00 110s 18.50 120s 17.50 135s 15.50.

PERSIMMONS STEADY CA 1-lyr ctn Hachiya 23-25s 12.00 32s 7.00-8.00.

PINEAPPLES STEADY COSTA RICA 2-lyr ctn 12s 20.00.

PLUMS SUPPLIES LIGHT CHILE 2-lyr lug Red Beaut 78s 20.00 88s 17.00 98s 20.00 102s 15.00.

POMEGRANATES CA 2-lyr lug Wonderful 24s 13.00.

RASPBERRIES SUPPLIES LIGHT CHILE flats 12-1/2 pt film wrpd trays Red 13.00-14.00 ord cond 5.00.

STRAWBERRIES ABOUT STEADY flats 12-1 pt trays FL med 14.00-16.00 med-lge 15.00-17.00 CA med 12.00-14.00 via air fair cond 16.00-17.00.

CANTALOUPS SUPPLIES LIGHT DOMINICAN REPUBLIC 1/2 ctn 12s 23.00 15s 20.00-25.00 18s 20.00 22s 22.00 MEXICO 1/2 ctn 23s fair qual & cond 12.00-13.00.

HONEYDEWS SUPPLIES LIGHT MEXICO 2/3 ctn 8s 11.00 9s fair cond 5.50-6.00.

MISC MELONS SUPPLIES INSUFFICIENT TO QUOTE.

WATERMELONS HIGHER ctn per lb MEXICO All Sweets 3s 25 cents Jubilee 2s, 3s & 4s 25 cents.

Philly Potato & Onion

Philadelphia, Pa.

Thursday, December 21, 1989

ONIONS-DRY YELLOW JUMBO LOWER, WHITE JUMBO HIGHER, OTHERS ABOUT STEADY50-lb sacks US#1 or generally good quality and condition Yellow new cropunless otherwise stated CO jumbo 650 ID-OR Spanish Hybrid type jumbo 650- 750 mos 750 few 800 some best 8 50 White jumbo 18.00-20.00 25-lb meshsacks Red jumbo 10.00-11 00 medium 6-650 WA Yellow Hybrid type jumbo 650- 700 NY Globe type medium 500-600 fair qual 400 25-lb mesh sacks WhiteBoilers 10 00-11.00 Red large 800-900 medium 500-600.

POTATOES ROUND WHITES HIGHER, OTHERS ABOUT STEADY 50-lb sacks US#1 sizeA washed or brushed unless otherwise stated Round Whites LI 675-700 mos 675large 750-800 ME 650 large 700-800 Canada CD#1 Prince Edward Isle 650-700mos 650 large 700-800 mos 750 Round Reds MN/ND 950-10.00 size B 12.00- 13.00 Russets 50-lb carton count unless otherwise stated ID 70s 15.00- 15.50 80s 14.50-15.00 90s 13.00-14.00 mos 13.50-14.00 100s 11.50-12.50 mos12.00 some 13.00 120s 12.00 baled 10-5 lb film bags non size A 9-9.50 100lb sacks 10 oz min 15.00 WI Norkotah 70-80s 11.50-12 00 mos 11.00 90s11.00-11.50 mos 11.00 100s 9.50-10.00 120s 950 10 oz min 7.00-8.50 CO 90s11.00-11.50 100s 950-10.00 CANADA CD#1 Prince Edward Isle 80s 12.50 90s11.50 100s 10 00 10 oz min 10.00.

Peoria Cattle

Peoria, Illinois

Tuesday, December 19, 1989

RECEIPTS THIS WEEK: 187
LAST WEEK: 254

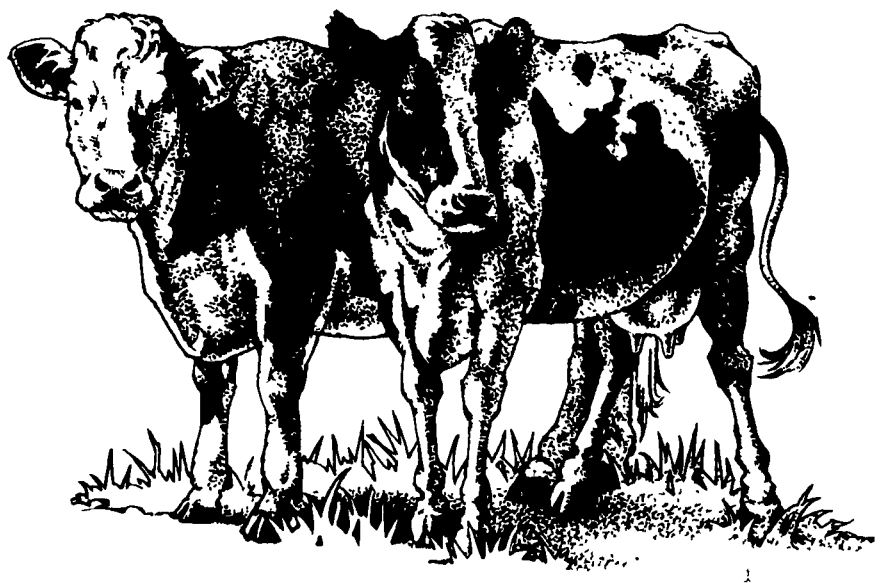
COMPARED WITH LAST MONDAY'S AUCTION COWS AND BULLS MOSTLY STEADY. NOT ENOUGH FEEDER CATTLE FOR A MARKET TEST.

COWS: BREAKING UTILITY AND COMMERCIAL 2-4 45.50-51.50 CUTTER & BONING UTILITY 1-2 45.00-52.50 HIGH DRESSING 53.00-54.50 CANNER AND LOW CUTTER 1-2 40.00-45.00.

BULLS: YG 1-2 1230-1925 LBS. 57.00-63.50.

FEEDER CATTLE: STEERS: FEW MEDIUM AND LARGE FRAME #2 344-533 LBS. 78.50-82.50.

Real Food For Real Cattle



DK 125 Alfalfa

- Outstanding yield potential of high quality forage
- Multiple pest resistance (MPR) including resistance to Verticillium wilt and anthracnose
- Excellent winter-hardiness
- Fast recovery after cutting
- Displays superior yields in Penn State research trials

DEKALB-PFIZER GENETICS

Earning Our Way On More Of Your Acres.

See Your Local DeKalb Dealer For More Information On Penn State Results & DeKalb Alfalfas

PARADISE CONCRETE
Now Equipped With A Small And Large Truck To Handle All Size Jobs!
WE ARE METERED SO YOU SAVE BY NOT OVER-ORDERING
SATURDAY & EVENING DELIVERIES
Farm Related Business Welcome
Pay only for what you use!
717-687-0990
19 Meadow Lane Paradise
Mitch White - Driver
Eric R. Probst, Prop.

AGRI CHEMICALS
Full Line Of Spray Materials For Corn, Soybeans and Alfalfa

Atrazine	Furadan
Banvel	Gramoxone
Bicep	Lasso
Bladex	Lasso-Atrazine
Bullet	Lorox
Counter	Lorsban
Dual	Pounce
Dyfonate II	Prowl
Eradicane	Roundup
Extrazine	Squadron

Plus Many More
Some Available In Bulk At Less Cost

Early Order Pre-Payment Prices In Effect!
Drive A Little And SAVE!

JAMES H. PATCHES
RD 2, Prescott Rd., Myerstown, PA 17067
1¼ Mi. Northwest of Schaefferstown
(717) 949-3860

Leesport Livestock

Leesport, PA
December 20, 1989
Report Supplied by PDA

CATTLE 201. (SUPPLY INCLUDED 13 FEEDER CATTLE.) COMPARED WITH LAST WEDNESDAY'S MARKET: SLAUGHTER STEERS STEADY TO 1.00 HIGHER; COWS STRONG TO FULLY 2.00 HIGHER. CHOICE 1000-1330 LBS. SL. STEERS 75.00-78.75, SELECT 69.50-73.50, ONE 74.75; CHOICE 1200-1600 LBS. HOLSTEINS 66.75-70.00, FEW 72.00, ONE SELECT 65.00, STANDARD 63.25-70.25, FEW UTILITY & LOW STANDARD 55.50-58.50. FEW CHOICE SL. HEIFERS 69.60-72.75, FEW SELECT 59.50-69.25. BREAKING UTILITY & COMMERCIAL SL. COWS 53.50-56.25, FEW 58.25, FEW LOW DRESSING 49.50-51.00, CUTTER & BONING UTILITY 51.25-56.00, CANNER & LOW CUTTER 46.75-53.00, SHELLS DOWN TO 43.85. FEW CHOICE SL. BULLOCKS 73.75-76.60, FEW SELECT 68.25-72.85; SELECT & CHOICE 1150-1700 LBS. HOLSTEINS 66.50-71.25. FEW YIELD GRADE NO. 1, 1400-1900 LBS. SL. BULLS 64.00-69.10, FEW NO. 2, 1050-1300 LBS. 56.50-60.50. FEEDER CATTLE: FEW LARGE FRAME NO. 2, 400-500 LBS. STEERS 69.00-70 00. FEW LARGE FRAME NO. 1-2, 375-560 LBS. HEIFERS 54.00-65.00. ONE LOT LARGE FRAME NO. 2, 470 LBS. BULLS 65.00.

CALVES 152. VEALERS 5 00-10.00 HIGHER COUPLE CHOICE 82.00 & 89.00, STANDARD & GOOD 70-100 LBS. 76.00-83.00, UTILITY 50-105 LBS. 60.00-76.00, FEW DOWN TO 30.00, 80-90 LBS. 80.00-84.00. FARM CALVES: HOLSTEIN BULLS NO. 1, 90-135 LBS. 145.00-167.00, NO. 2, 90-115 LBS. 107.50-142.50, FEW 83.00, 80-90 LBS. 80.00-84.00; FEW HOL. HEIFERS 105-120 LBS. 159.00-181.00.

HOGS 409. BARROWS AND GILTS 1.50-2.50 HIGHER. US NO. 1-2 215-240 LBS. 52.50-53.60, 1-3 205-265 LBS. 49.85-53.00, FEW 2-3 225-260 LBS. 47 60-50.75, LOT 1-3 177 LBS. 44.00. SOWS 3.00 HIGHER. US NO. 1-3 330-570 LBS. SOWS 41.00-44.00, FEW 47.00, FEW MEDIUM 255-445 LBS. 35.00-40.00. BOARS 32.50-36.50.

FEEDER PIGS 267. LOT US NO. 1-3 25 LBS. FEEDER PIGS 165.00, FEW 30 LBS. 110.00-130.00, 35-60 LBS. 68.00-77.50, FEW 70-80 LBS. 53.00-58.00 -- ALL PER HUNDREDWEIGHT; FEW 1-3 10-15 LBS. 9.00-15.00 PER HEAD.

SHEEP 87. FEW CHOICE & PRIME 70-120 LBS. WOOL SLAUGHTER LAMBS 50.00-56.00, CHOICE 50-85 LBS. 50.00-52.00, FEW 64.00, FEW GOOD TO LOW CHOICE 65-75 LBS. 46.00-50.00; FEW CHOICE & PRIME 25-40 LBS. NEW CROP 107.50-132.50, COUPLE 175.00, FEW 40-55 LBS. 95.00-110.00, FEW 60-75 LBS. 62.00-82.50. SLAUGHTER SHEEP 12.00-38.00, MEDIUM 15.00-25.00.

GOATS 13. COUPLE LARGE 60 00 & 79 00, MEDIUM 37.50-55.00 -- PER HEAD.

Friend's Stockyard, Inc.

Accident, Md. 21520
December 18, 1989

STOCK BULLS & STEERS (200 TO 400 LBS.) 70.00-93.50.

STOCK HEIFERS: 60.00-74.50.

SLAUGHTER STEERS: GOOD TO CHOICE NONE AVAILABLE; MEDIUM TO GOOD 67.00-74.00.

HOLSTEIN STEERS: HEAVY 60.00-66.50; LIGHT 57.00-65.00.

SLAUGHTER HEIFERS: GOOD TO CHOICE 71.00-75.35; MEDIUM TO GOOD 62.00-69.50.

BULLS: HEAVY 55.00-66.50; LIGHT 52.00-61.00.

COWS: FEW HIGH DRESSING 58.00; UTILITY HOLSTEIN 50.00-56.00; CANNERS 43.00-52.00; COMMERCIAL TO GOOD 47.50-54.50; CULL COWS 42.00 & DOWN.

VEALS: GOOD TO CHOICE 85.00-95.00, MEDIUM TO GOOD 65.00-82.50.

BOB CALVES: 50.00-74.50.

HOLSTEIN BULL CALVES: RETURN TO FARM 100-120 LB. 100.00-144.00.

HOLSTEIN HEIFER CALVES: RETURN TO FARM 100-120 LB. 90.00-122.00.

HOGS: TOP QUALITY 52.25-54.50; HEAVY 50.00-53.00; LIGHT 38.00-49.00.

SOWS: 36.50-41.00.

MALE HOGS: 28.00-32.00.

LAMBS: 55.00-61.00; FEEDER LAMBS: 50.00-67.00.

SHEEP: 15.00-24.50.

EGGS: (PER DOZEN) LARGE 81¢ TO $1.24; MEDIUM AND SMALL, NONE AVAILABLE.

NO SALE MONDAY, DECEMBER 25TH. HAVE A NICE HOLIDAY SEASON!

SALE AS USUAL MONDAY, JANUARY 1, 1990....SEE YOU THEN!

Mercer Livestock Auction

Mercer, Pa.
Tuesday, December 19, 1989
Report Supplied by PDA

MERRY CHRISTMAS AND A PROSPEROUS NEW YEAR!

REPORT FOR DECEMBER 19, 1989 IS NOT AVAILABLE.

CUMMINGS & BRICKER INC
Phone (717) 249-6720
Phone (716) 343-5411

N-TECH
Specialist In
MANURE HANDLING EQUIPMENT

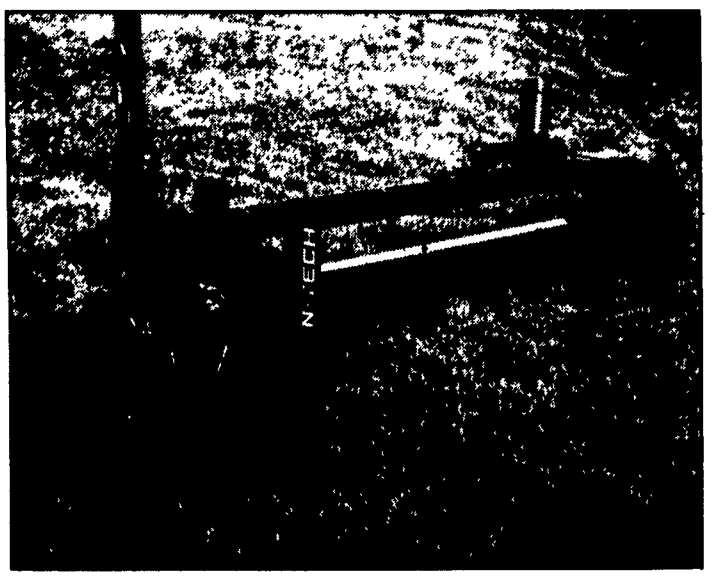
COMMERCIAL TRAIL 'R PUMP©

Compare the clean look, the midship agitator, the removable band impellor housing, the rectangular transition tube from impellor to agitator nozzle, the full hydraulic control mounted on a convenient 3 pt. hitch bracket and other new design features. Even the color was selected from experience.

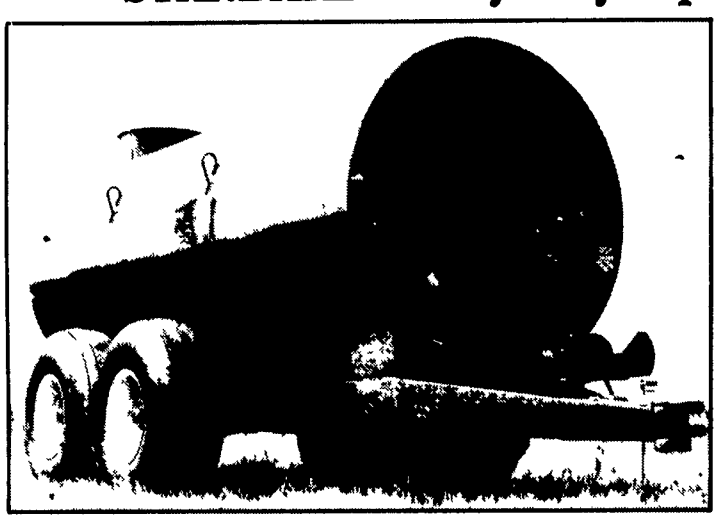
Check it out with your N-TECH dealer and you will discover why the name N-TECH is the answer to your manure handling.

COMMERCIAL VERTICAL PUMP©

Volume and agitation capability sized to available power.
All hydraulic controls.
N-TECH proven bearing and seal design.
A surprisingly low price.



THE STANDARD© Heavy Duty Liquid Manure Tank



Available in 2300, 2800, 3300 and 3750/4000 gallon capacity sizes. Injectors Optional.
(2) 3350 Gallon Tankers In Stock!

The Standard liquid manure tank is designed for years of reliable pumping and spreading use. Common sense design features include: front mount pump, front gun or rear spreading capability, in-tank agitation and cab actuated brakes. Heavy duty models are constructed with semi-trailer axle and brake systems to insure safe operation.

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5935 OLD PHILADELPHIA PIKE, GAP, PA 17527
PHONE: 717-442-8134
WE SERVICE WHAT WE SELL
— Radio Dispatched Trucks —
UPS

Estimated Daily Livestock Slaughter

Under Federal Inspection

December 20, 1989

	CATTLE	CALVES	*HOGS*	SHEEP
WED., 12/20/89 (EST)	126,000	9,000	303,000	24,000
WEEK AGO (EST)	125,000	8,000	329,000	23,000
YEAR AGO (ACT)	127,000	9,000	335,000	21,000
WEEK TO DATE (EST)	370,000	26,000	930,000	69,000
SAME PD LT WK (EST)	357,000	25,000	990,000	68,000
SAME PD LT YR (ACT)	378,000	28,000	1,012,000	61,000

***REVISED HOG SLAUGHTER TUES., DEC. 19, 1989, 317,000.

Central U.S. Carlot

Pork Report

December 20, 1989

Report supplied by USDA

CENTRAL U.S. CARLOT PORK REPORT FOB OMAHA BASIS INCLUDES MAJOR PRODUCTION AREAS IN MIDWEST AS OF 3:00 P.M.

COMPARED TUESDAY'S 3:00 P.M. CLOSE: FRESH PORK LOINS 14-18# FIRM IN A LIGHT TEST; BOSTON BUTTS NOT TESTED; SKD HAMS 1.00-2.00 HIGHER; SDLS BELLIES 2.00-2.50 LOWER.

LOADS PORK CUTS: 38.0.

TRIM/PROCESS PORK: 5.0.

PORK CUTS

LOINS, REG.

FRESH

14-18 LBS.* 2 LDS. RANGE 118.00, WGHTD AVG 118.00.

¼" TRIM 14-18 LBS. 2 LDS. RANGE 132.50-133.00, WGHTD AVG 132.75.

18-22 LBS.* 1 LD. RANGE 110.00, WGHTD AVG 110.00.

¼" TRIM 18-22 LBS. 1 LD. RANGE 124.00, WGHTD AVG 124.00.

COMBOS 22/UP LBS. 2 LDS. RANGE 87.00, WGHTD AVG 87.00.

LOIN, BNLS CTRCT

5-7 LBS. RANGE 264.00, WGHTD AVG 264.00 A.

BNLS SIRLOIN

.75-1 LB. .5 LD. RANGE 150.00, WGHTD AVG 150.00.

TENDERLOIN, MUSCLE-OFF

.5 LD. RANGE 282.50, WGHTD AVG 282.50.

BOSTON BUTT

4-8 LBS. * WGHTD AVG UNQ.

¼" TRIM 4-8 LBS. WGHTD AVG UNQ.

COMBOS 8/UP LBS. RANGE 76.00-79.00, WGHTD AVG 77.20 A.

SPARERIBS, FRESH

1.5-3.5 LBS. 2 LDS. RANGE 91.00, WGHTD AVG 91.00.

3.5-5.5 LBS. RANGE 78.00, WGHTD AVG 78.00 A.

SPARERIBS, FROZEN

1.5-3.5 LBS. RANGE 87.00, WGHTD AVG 87.00 C.

LOIN BACKRIB (BOXED)

FRSH/FRZN

1.5/DN LBS. RANGE 185.00. WGHTD AVG 185.00 A.

1.75/DN LBS. 1 LD. RANGE 175.00, WGHTD AVG 175.00.

HAM, SKINNED, FRESH

14-17 LBS. RANGE 68.00, WGHTD AVG 68.00 A.

17-20 LBS. 5 LDS. RANGE 68.00-69.00, WGHTD AVG 68.80.

20-26 LBS. 9 LDS. RANGE 66.50-69.00, WGHTD AVG 67.61.

26-32 LBS. 2 LDS. RANGE 64.00-65.50, WGHTD AVG 64.75.

32/UP LBS. WGHTD AVG UNQ.

BELLY, SDLS

SKIN-ON, FRESH

10-12 LBS. RANGE 40,00, WGHTD AVG 40.00 E.

12-14 LBS. 2 LDS. RANGE 40.00-40.50, WGHTD AVG 40.25.

14-16 LBS. 9 LDS. RANGE 39.50-41.00, WGHTD AVG 40.17.

16-18 LBS. 1 LD. RANGE 37.50, WGHTD AVG 37.50.

18-20 LBS. RANGE 35.50, WGHTD AVG 35.50 B.

20-25 LBS. 1 LD. RANGE 30.50, WGHTD AVG 30.50.

PORK TRIMMINGS/

BONELESS PROCESSING PORK

(CHEMICAL LEAN)

COMBO 42% FR RANGE 24.00, WGHTD AVG 24.00 D.

BOXED 42% FZ UNQ.

COMBO 72% FR 3 LDS. RANGE 73.00-74.00, WGHTD AVG 73.67.

BOXED 72% FZ UNQ.

BONELESS PICNIC MEAT

COMBO 72% FR 1 LD. RANGE 74.00, WGHTD AVG 74.00.

BOXED 72% FZ 1 LD. RANGE 75.00, WGHTD AVG 75.00.

SKINNED JOWLS

COMBO FR RANGE 16.00, WGHTD AVG 16.00 A.

NOTE! (*) REFLECTS ¼" TRIMMED PRODUCT BROUGHT BACK TO A REGULAR COMMODITY BASIS.

ABCDE AFTER QUOTES REPRESENTS DAYS SINCE LAST ACTUAL MARKET TEST. QUOTES ARE DROPPED AFTER 5 DAYS OF NO TEST OR BEFORE IF THEY NO LONGER REFLECT CURRENT MARKET CONDITIONS.

Grantsville Livestock

Grantsville, Maryland

Sat., Dec. 16, 1989

HOGS: TOP BARROWS & GILTS 51.00-53.70; HEAVY BUTCHER 45.00-53.00; LIGHT BUTCHER 40.00-52.00; BUTCHER SOWS 32.00-43.00; FEEDER SHOATS 8.00-34.00.

VEAL: GOOD 85.00-90.00; STANDARD 70.00-75.00; UTILITY 40.00-60.00; BULL CALVES 85.00-140.00.

SHEEP & LAMBS: GOOD 60.00-68.00; UTILITY 50.00-55.00; SLAUGHTER EWES 18.00-25.00.

SLAUGHTER CATTLE: STANDARD 65.00-68.75; UTILITY 60.00-63.50. HEIFERS: STANDARD 60.00-65.50; UTILITY 50.00-55.00.

COWS: COMMERCIAL 48.00-55.50; UTILITY 45.00-46.00; CANNER & CUTTER 40.00-42.00.

BULLS: COMMERCIAL & GOOD 63.00-65.00; CUTTER & UTILITY 50.00-55.00.

STOCK-FEEDER CATTLE: GOOD 70.00-82.50; MEDIUM 60.00-65.00.

STEER CALVES: GOOD 75.00-87.50; MEDIUM 62.00-68.50.

HEIFER CALVES: GOOD 65.00-68.50; MEDIUM 50.00-62.00.

New Holland Dairy

New Holland Sales Stables

Wednesday, Dec. 20, 1989

Report supplied by auction

REPORTED RECEIPTS OF 88 COWS, 42 HEIFERS, AND 3 BULLS. MARKET ACTIVE FULLY, STEADY ON ALL KINDS.

OPEN HEIFERS: BREEDING AGE 520.00-670.00, FEW SMALL 160.00-250.00.

SHORTBRED: 650.00-710.00.

SPRINGING HEIFERS: MOSTLY 900.00-1100.00, 1 GRADE 1200.00.

1 REGISTERED HEIFER: 1410.00.

FEW SMALL SPRINGERS: 750.00-850.00.

VACCINATED HEIFERS BRINGING A PREMIUM.

FEW LOCAL FRESH HEIFERS: 1000.00-1100.00.

LACTATION COWS: 700.00-900.00.

LOCAL FRESH COWS: 900.00-1100.00.

1 LOAD WISCONSIN FRESH AND SPRINGERS: 985.00-1310.00.

1 LOAD UPSTATE PA COWS: 1100.00-1475.00.

1 LOAD WISCONSIN: 1625.00-1800.00.

1 LOAD NY FRESH COWS: 1050.00-1750.00.

1 LOAD NY SPRINGERS AND FRESH: 1125.00-1575.00.

5 HEAD NY FRESH COWS: 1185.00-1500.00.

Peoria Cattle

Peoria, Illinois

Thursday, December 21, 1989

FEDERAL-STATE WEEKLY CATTLE SUMMARY TRADING MODERATE. COMPARED WITH LAST WEEK SLAUGHTER STEERS AND HEIFERS 1.00 TO 2.00 HIGHER. AT THE AUCTION COWS AND BULLS MOSTLY STEADY. NOT ENOUGH FEEDER CATTLE FOR A MARKET TEST. SUPPLY MAINLY SELECT TO AVERAGE CHOICE SLAUGHTER STEERS AND HEIFERS WITH ABOUT 12% COWS. RECEIPTS THIS WEEK ABOUT 1500 AS COMPARED WITH 1488 A WEEK AGO AND 1016 A YEAR AGO.

SLAUGHTER STEERS: CHOICE 2-4 1050-1350 LBS. 74.50-76.50 PART LOAD 77.00 SELECT & CHOICE 2-3 1000-1300 LBS. 72.00-74.50 SELECT 2-3 950-1300 LBS. 68.00-72.00.

SLAUGHTER HEIFERS: CHOICE 2-4 950-1150 LBS. 73.50-75.75 LOAD 76.00 SELECT & CHOICE 2-3 900-1100 LBS. 70.00-73.50 SELECT 2-3 850-1050 LBS. 66.50-70.00.

COWS: BREAKING UTILITY AND COMMERCIAL 2-4 45.50-51.50 CUTTER & BONING UTILITY 1-2 45.00-52.50 HIGH DRESSING 53.00-54.50 CANNER AND LOW CUTTER 1-2 40.00-45.00.

BULLS: YG 1-2 1230-1925 LBS. 57.00-63.50.

FEEDER CATTLE: STEERS· FEW MEDIUM AND LARGE FRAME #2 344-533 LBS. 78.50-82.50.

Peoria Sheep

Peoria, Illinois

Tuesday, December 19, 1989

FEDERAL-STATE OPENING, MID-SESSION AND CLOSE SHEEP: 125 TRADING MODERATE. COMPARED WITH LAST TUESDAY SLAUGHTER LAMBS 1.00 TO 2.00 HIGHER SLAUGHTER LAMBS: CHOICE AND PRIME 90-115 LBS. 55.00-57.00, 115-125 LBS. 52.00-54.00.

SLAUGHTER EWES: FEW UTILITY AND CULL 15.00-16.00.

Greetings

A Merry Christmas and Prosperous New Year

FROM ALL OF US TO ALL OF YOU—

Clay Aument
Harry I. Bear
Henry R. Brown
Bonnie Chamberlain
James C. Dunlap
Walter M. Dunlap, Jr.
Eugene Ellis
T. Kenneth Emery
Donald Godfrey
Enos K. Good
Glenn C. Hart
Ken Hershey
Frank Hoover
Leon G. Hoover
Lois L. Hoover
Roy Hoover
James Hunsicker
Zane Kauffman
Walter Kellenberger
Mary Kimball
James Kneisly
Amos Lantz
Ivan H. Nolt
Leon "Bird Dog" Nolt
Donald E. Ober
Reba M. Ober
Ed Prosser
Joe Reiff
Titus "Onk" Reiff
Connie Santarelli
Marvin Shirk
Joyce Smoker
Kenneth L. Smoker
Omar Smoker
Abram Stoltzfus
Ceaser Stoltzfus
Earl M. Stoudt

WALTER M. DUNLAP AND SONS

BRUBAKER AGRONOMIC CONSULTING SERVICE

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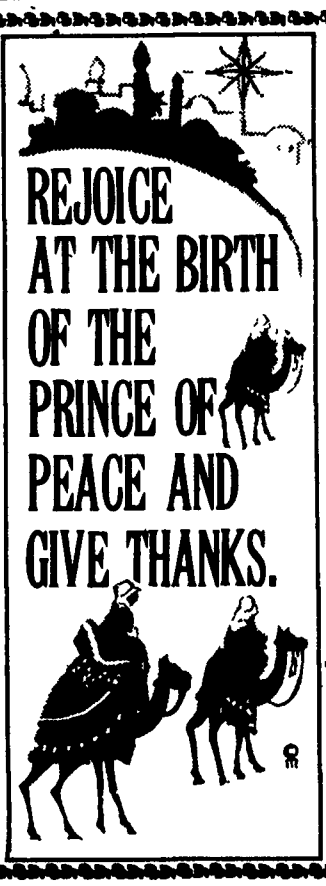
29 Ridge Road
Lititz, PA 17543
* * * 717-627-0065 * * *

May your Christmas be one of rejoicing
And bring you the things you hold dear,
With God's love to bless and keep you
Day by day through a happy New Year!

R.S. HOLLINGER & SON, INC.
Mountville, PA



Our Thanks To
All The Dairymen
For Their Patronage
During 1989.

We Will Continue To
Give Our Best Effort
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Service You Deserve
For 1990.

We Wish You
And Your Family
A Joyous Christmas
And A Happy
New Year.

WESTFALIA

FISHER & THOMPSON INC.
127 Newport Rd., Leola, PA
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YEAR END CASH & CARRY INV

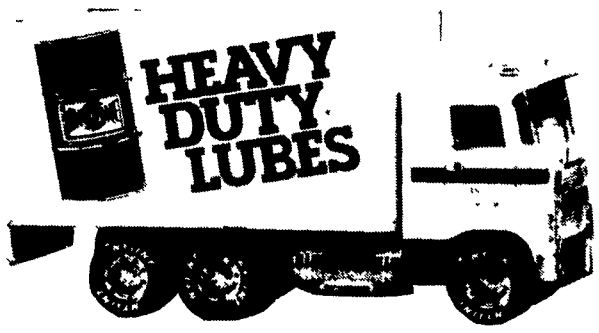
DRYDENE

HEAVY DUTY LUBES

End-Of-Year Sale

December 26-30, 1989

CASH & CARRY



FREE TOY TRUCK WITH PURCHASE OF 55 GAL. DRUM OF OIL -

1 Truck Per Customer

DRYDENE GREASES

HEAVY DUTY LITHIUM E.P. All Purpose Grease

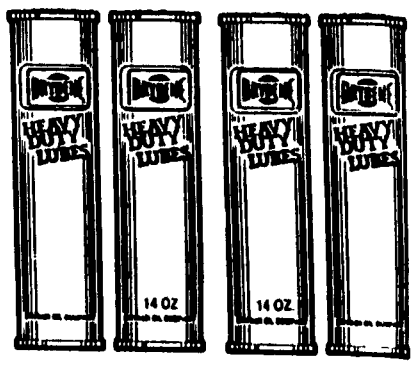
$1.30 ea. tube

Case Of 10 **$12.15**

PYROPLEX E.P. High Temperature (500° F) For Disc Brakes, Wheel Bearings, Chassis. All Purpose Grease

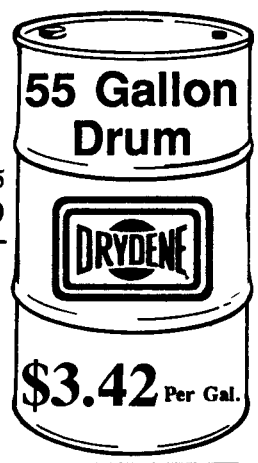
$1.65 ea. tube

Case Of 10-**$15.50**



SUPREME HXD #30 OIL

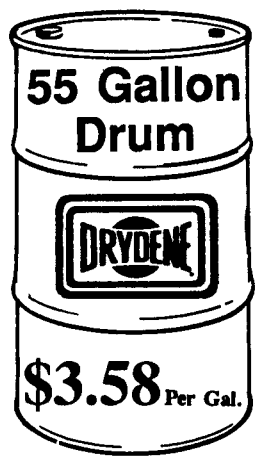
Reg. $208.95
Less 10% Sale $20.89
Your Cost **$188.06**



1540 DIESELALL OIL

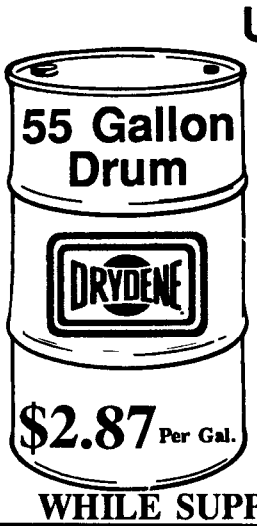
Reg. $218.95
Less 10% Sale $21.89
Your Cost **$197.06**

$20.00 Drum Deposit



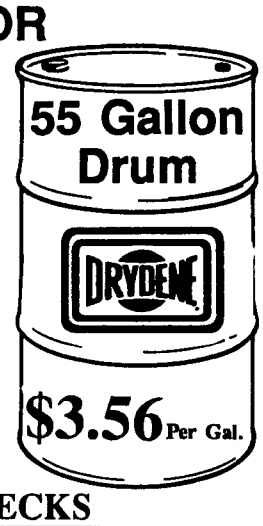
BLUE HYDRAULIC PLUS OIL

Reg. $175.30
Less 10% Sale $17.53
Your Cost **$157.77**



UNIVERSAL TRACTOR HYDROSTATIC FLUID

Reg. $223.35
Less 10% Sale $22.32
Your Cost **$200.93**



5 Gallon Pail Special

SUPREME HXD #30 OIL
Reg. $24.75
Less 10% Sale $2.47
YOUR COST **$22.28**

1540 DIESELALL OIL
Reg. $26.15
Less 10% Sale $2.61
YOUR COST **$23.54**

BLUE HYDRAULIC PLUS OIL
Reg. $21.55
Less 10% Sale $2.15
YOUR COST **$19.40**

UNIVERSAL TRACTOR HYDROSTATIC FLUID
Reg. $24.95
Less 10% Sale $2.49
YOUR COST **$22.46**

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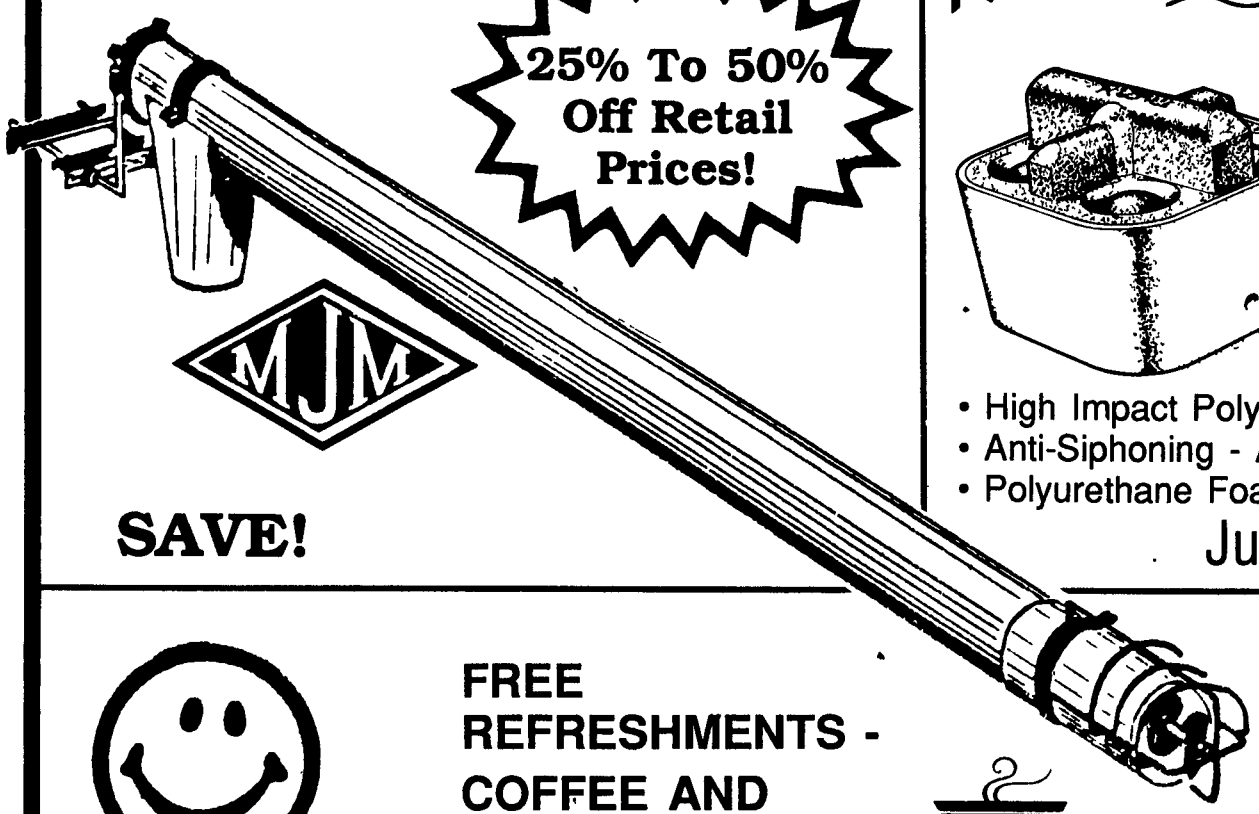
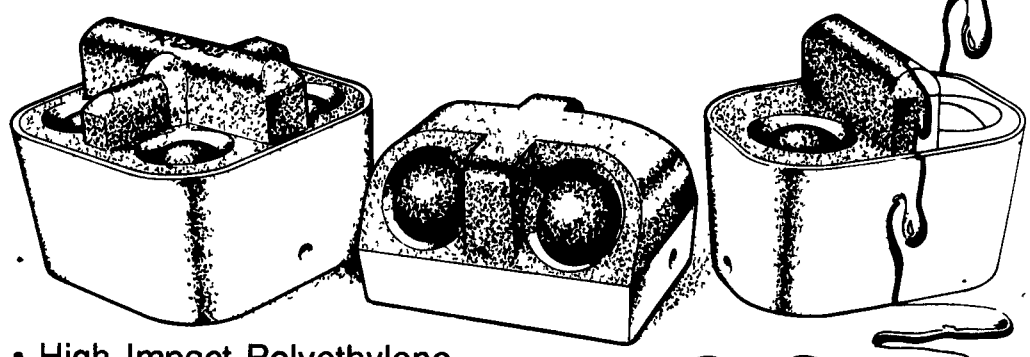
25% To 50% Off Retail Prices!



SAVE!

Ritchie WATER PRO ENERGY-FREE LIVESTOCK FOUNTAINS



- High Impact Polyethylene
- Anti-Siphoning - All Plastic - No Float
- Polyurethane Foam

Just add water!

FREE REFRESHMENTS - COFFEE AND COOKIES!

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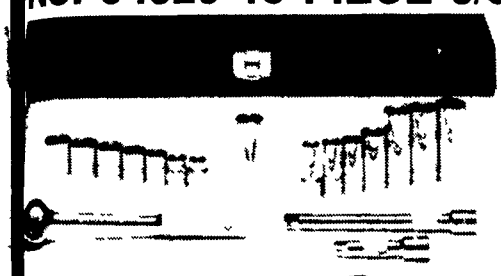
NTORY SALE - DEC. 26-30, 1989

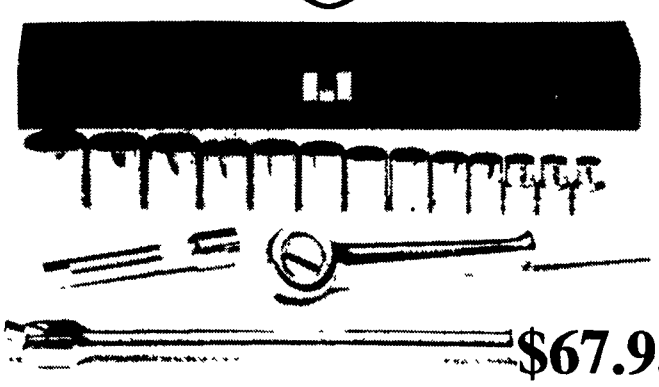
All Prices Below - Take 10% Off

No. 94520 18 PIECE 3/8" DRIVE FRACTIONAL SOCKET SET



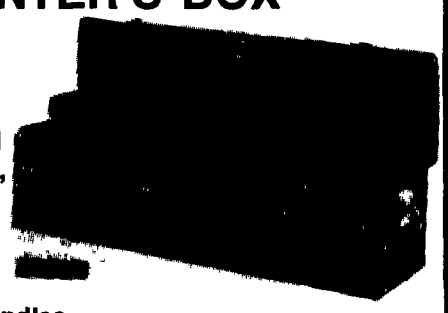
$47.95

No. 4116 16 PIECE ½ " DRIVE FRACTIONAL SOCKET SET



$67.95

WATERLOO 50032B 32" CARPENTER'S BOX



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Strongest Unit In The Market

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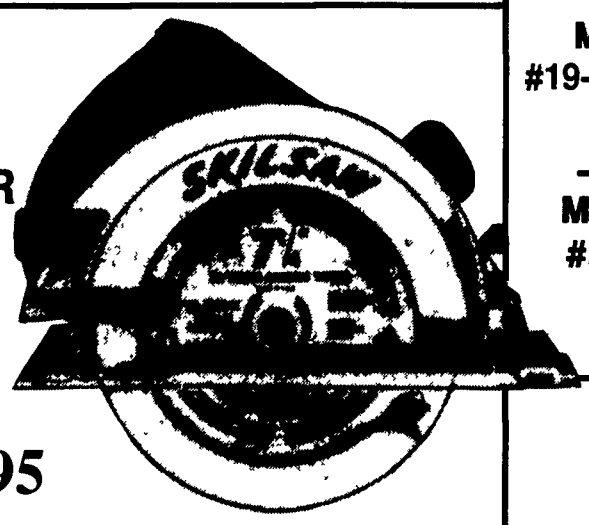
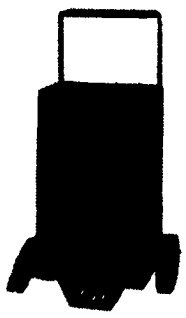
SKIL #5656 CIRCULAR SAW



7¼ ", 13 Amp Pivot Foot

$124.95

SCHAUER (#6423) No. FC40 STARTER/ CHARGER



For 6 Or 12 Volt Batteries

$128.95

DIF or DIS 5/16"x3/8" Over Center — $16.60

PR-1 1/4"x5/16" — $42.95

DISSTON D-23 HANDSAW

8 Point $16.95

6 GALLON PLASTIC GAS CAN

$7.95

5 GALLON PLASTIC KERO CAN

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MARSHALLTOWN #145 MAG FLOAT

$10.95

MARSHALLTOWN #19-11 BRICK TROWEL

$14.95

MARSHALLTOWN #MX566 CEMENT TROWEL

$16.95

VISE GRIP

#215G Set

$11.99

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Spraying Systems Co.

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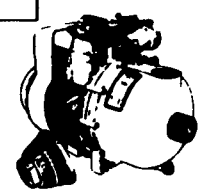
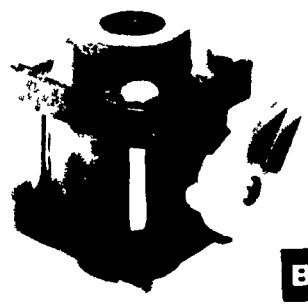
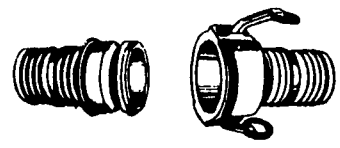


Centrifugal Pumps

NORWESCO





Quick-Connect Couplers

BALL VALVES

SUPER BLAST

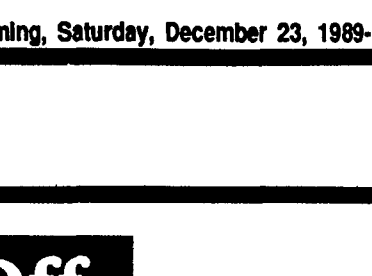
Industrial High Pressure Washers

CERAMIC PLUNGER HEAVY DUTY CAT INDUSTRIAL OIL BATH PUMP

ESB25-12, 25' HOSE

1200 P.S.I.

2.4 G.P.M.
2 H.P. T.E.F.C.
110-Volt



56 LBS. $675.00

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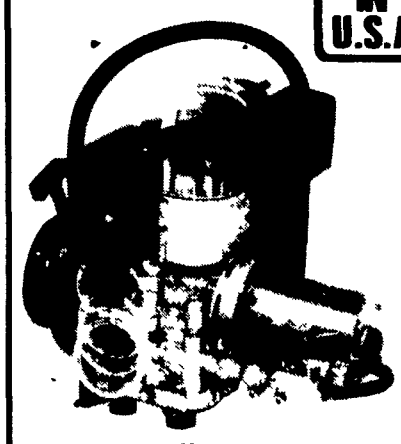

55 lbs.

* KSB30-15, 3.0 GPM, 1500 PSI, 5 HP-Kawasaki, OA

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Compact portable unit only 55 lbs. with carrying handle, metering injection for cleaning solutions, triplex pump, 40 ft. high pressure hose with shutoff gun. Direct coupled pump motor assembly.

$830.00

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MASON'S LEVEL — MAHOGANY

MPO-48

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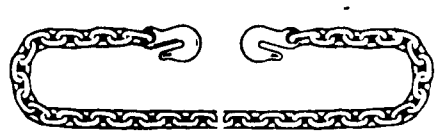
Campbell System 7 Binder Chains



5/16"x16'	$21.95
5/16"x20'	$26.95
5/16"x30'	$32.80
3/8"x16'	$28.95
3/8"x20'	$33.95
3/8"x25'	$38.80

WD40 Gallon $10.95

With FREE Sprayer

CYLINDERS 3x8

$52.00

HITCH PINS

$1.95

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Lancaster Farmland Trust Needs To Raise Funds

LANCASTER (Lancaster Co.) — Lancaster Farmland Trust, the private, non-profit, farm preservation group, needs to raise $9,900.00 to meet their 1989 Capital Campaign goal of $50,000. To date the Trust has received over $40,000 in contributions from the Lancaster community, which has been matched on a 2:1 basis by a William Penn Foundation Challenge Match Grant. All funds received in the Campaign are deposited into a Farm Preservation Revolving Fund and are used exclusively for land conservation purposes.

Stuart Herr, Lancaster businessman and Chairman of the campaign, stressed the need for the Trust to reach its goal. "The Campaign's volunteer team, which is made up of 28 members in the community, has been working hard throughout the fall to raise the $50,000, and we'd like to see this wrapped up by the year's end," he said. "Lancaster Farmland Trust has several farm preservation projects in the works, and if we meet our goal, the William Penn Foundation will give us a total of $100,000 in matching funds. That will go a long way toward preserving those farms." Alan Musselman, executive director of the Trust, expects that the Trust will meet its goal. "In this holiday season of giving, I'm confident that the Lancaster community will support us in our endeavors. The tradition and benefit of year-end tax planning should also be helpful in attaining our goal."

The Lancaster Farmland Trust is a private, non-profit, member-supported organization dedicated to the preservation of Lancaster County's farmland and heritage. The Trust is located at the Lancaster Conservation Center, 128 East Marion Street, Lancaster, directly behind the public Library. For more information please call the Trust offices, 293-0707.

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BARGAIN DAYS in WOODCORNER

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DECEMBER 26 - 30

5% *off* ON EVERYTHING
INCLUDING CASE LOT PRICING
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Forage And Grassland Council Meeting

Row Lists Items That Affect Dairying

BY LINDA WILLIAMS
Bedford Co. Correspondent

ALTOONA (Blair Co.) — What do, freedom in Europe, cardiovascular concerns, the weather, genetics, and the 1990 Farm Bill all have in common?

According to Ewing Row, managing editor of Hoard's Dairyman, and speaker for the Alfalfa Growers Program Meeting and Banquet, they are the five items that will affect dairying in the next five years.

The program/banquet was held on Wednesday, Dec. 20, at the Sheraton in Altoona. Row brought an ending to an afternoon filled with information on alfalfa, often called, "The queen of the forage crops."

This event was held in celebration of the 15th and last year of the Alfalfa Growers Program in the Commonwealth.

While Row had been asked to speak on "What's Going to Happen to Dairying During the Next Five Years," he said he preferred to predict just one year at a time.

The five items most affecting milk checks in the next year will be: weather, general agreements on tariffs and trade, how well dairymen present a united front in Washington for the 1990 Farm Bill, technology, and how well the industry deals with excess fat.

"We have little control over the weather," Row admitted, "In this state, I know that you experienced a year of severe drought followed by a year of monsoon rains. You really can't do anything about the weather, but how you manage in response to what Mother Nature brings is what determines profit and loss.

"Agriculture is front and center in the Uruguay Round," Row pointed out, "U.S. negotiators are interested in exporting feed and food grains, oil seed crops, lumber, beef and a host of other agricultural and natural resource products. The U.S. has a comparative advantage in these materials and many hope agriculture can lessen the balance of trade deficit which has plagued the U.S. for some time.

"It is my guess that the European community and Japan, two of our most important trading partners, will not opt for free trade in agriculture. Both have powerful farm lobbies which greatly influence their policies."

Row says that Secretary of Agriculture Clayton Yeutter is one who believes the U.S. dairy industry can become an important supplier of dairy products on world markets. There is a tremendous shortage of nonfat dry milk in the world. The Soviet Union recently has shown an interest in our butter stocks.

Hoards Dairyman advocates quotas. "The reason is simple," Row said. "If the supply of milk goes up 1 percent, it takes a drop in the farm price of 3 to 4 percent to sell that added supply on the market. By the same token, if the supply of milk drops 1 percent, the price goes up 3 to 4 percent. Therefore, with lower supplies, dairy farmers make more money than previously because the price response more than makes up for the smaller supply marketed."

Row rather glumly predicted that, "With only from 130,000 to 140,000 commercial dairy farmers in the country, they had better hang together or hang separately in economic ruin."

He indicated that Upper Midwest dairy farmers and their cooperative leaders are calling for changes in the federal milk marketing order system to give them less of a price disadvantage. Hot topics at Wisconsin meetings include Class I differentials, down allocation and reconstituted milk pricing.

On the subject of technology, Row said: "Where would our great industry be without the technology presently in place: DHI testing and computerization of records, artificial insemination, embryo storage and transfer, sophisticated ration balancing and the tremendous advances in disease control. No industry, no individual business, can ignore technology whether there is a surplus or a shortage of a particular product. The dairy industry is no different."

Row indicated that Hoard's Dairyman has long believed that bovine somatotropin (BST) has the potential to be a useful tool, lowering dairymen's costs by increasing the efficiency of today's high producing dairy cows. The decisions to use BST or any other technology which has been proven safe and effective should be an economic one, not one made in state or national legislatures.

He added that the FDA had ruled long ago that the production from BST treated cows is safe for consumers. "However, consumer acceptance is the real issue."

As a point of acceptance Row indicated that the technology used to produce BST is the same as that used to produce insulin for diabetics.

"The value of butterfat is on the decline," Row commented. "due to cholesterol, calories and cardiovascular concerns. On January 1, the value of fat will drop in value (8.7) percent) while the worth of nonfat in milk may remain the same or may rise, depending on what the Secretary of Agriculture decides."

"The handwriting is on the wall, milk fat will continue to lose in value."

To review the five points which will affect the dairy industry in 1990, Row noted, "the weather, general agreement on tariffs and trade, unity, technology and milk fat will all affect your dairy industry. Four of the five are controllable. If the toughest one, unity, is licked, there is no telling how good being a dairy farmer can be. The industry can be in charge of its own destiny instead of depending on decisions by politicians in Washington.

(Coverage of the Alfalfa Growers Program is scheduled to be continued next week.)

Jersey Breeders Review Decade's Changes

REYNOLDSBURG, OH — "The Jersey breed has been through an eventful, challenging, but most rewarding decade," reports Maurice Core, Executive Secretary of The American Jersey Cattle Club.

"During ther '80s we saw a dairy termination program that took approximately one million dairy cows out of production, reducing dairy cow numbers to 10.1 million - the lowest number in over 100 years. There were also nine years of surplus production. Now we are in a shortage situation described by some as the most critical since World War II, resulting in the highest producer milk prices in history."

During the '80s, the AJCC registered approximately 558,300 Jerseys, a 32% increase over the previous ten year total. More significantly, 55,200 Jerseys are on the official Dairy Herd Improvement Registry (DHIR) and Total Performance Evaluation (TPE) programs at the end of 1989. This is a 229% increase in participation in these official testing programs compared to 1975.

For more information contact: The American Jersey Cattle Club, Kurt Lyon, Director of Information. Phone (614) 861-3636.

CUSTOMER APPRECIATION SALE
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5% OFF ON EVERYTHING INCLUDING CASE LOT PRICING

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FOCUS

Pennsylvania Dairy Herd Improvement Association

Call 1-800-DHI-TEST for service or information.

Newspaper Bedding A Reality

BY MICHAEL FOURNIER
Bucks Co. Ext. Dairy Agent

Newspaper is becoming a major source of bedding material for dairymen in southeastern Pennsylvania. The Bucks County Recycling Center has purchased an industrial paper shredder and a baler. In January they will start offering bales of shredded newspapers to farmers at a cost of about $15 per ton. The county plans to shred and bale about 900 tons of newspaper each year.

Using recycled newspapers for bedding has several advantages for the dairyman, as well as the community and the environment. First, consider the cost: compare $15 to $30 per ton to what straw is now selling for.

How about absorption capacity? A researcher at the University of Vermont has found that the water absorbency of newspaper is four to six times greater than dry sawdust and 10 times greater than straw and hay!

How about sanitation? Does newspaper harbor more mastitis organisms than other bedding? A study at the University of Minnesota determined that environmental mastitis bacteria grew slowest in sawdust and newspaper compared to other bedding materials.

What about toxic materials in the ink or paper? No problem. Penn State has analyzed paper—and straw bedded manure for trace elements and heavy metals. Their results show that paper bedded manure has the same or lower levels of these elements (copper, cadmium, zinc, etc.) than straw bedded manure.

Every time a dairyman uses newspaper as bedding he provides a valuable service to the community and the environment. He is recycling a waste product generated by his non farm neighbors and he is saving valuable landfill space. In Bucks County we have mandatory recycling. Our recycling center has to pay to have its newspapers hauled away. Recycling on the farm benefits the whole community by reducing government costs, possibly avoiding tax increases necessary to deal with solid wastes.

Far too often the general public points fingers at farmers accusing us of pollution, whether it be nitrates, pesticides or odors. Here is an opportunity to show another very positive benefit of having a strong agricultural sector in a community.

Several dairymen in this area are already using newspapers. I have yet to hear a bad comment. Most prefer to mix newsprint with a little straw to improve its handling. It does not meet all of their bedding needs—some use it in the heifer barn but not with the cows, others may do just the opposite. Those that have already purchased bale choppers indicate that you need a unit with about 11 horsepower to do the job. I suspect that many companies will be displaying new and improved bale choppers at the Farm Show in January.

If your county doesn't currently have a recycling program, don't worry. Several other counties are gearing up to do the same thing as Bucks County. Berks also will have bales available in January and York County is gearing up a recycling program. Also, a few enterprising young farmers in this area are toying with the idea of buying baled newspaper in Bucks County and transporting it to other areas of the state for resale.

Using recycled newspapers for bedding makes sense economically and environmentally. It will benefit both farmers and the non-farming community. A cheap source of bedding for dairymen means less landfill space being used up and a cleaner environment. For more information on recycled newspaper in your area, contact your County Extension Office.

Average Farm Feed Costs For Handy Reference

To help farmers across the state to have handy reference of commodity input costs in their feeding operations for DHIA record sheets or to develop livestock feed cost data, here's this week's average costs of various ingredients as compiled from regional reports across the state of Pennsylvania. Remember these are averages so you will need to adjust your figures up or down according to your location and the quality of your crop.

Corn, No. 2y - 2.73
Wheat, No. 2 - 3.86
Barley, No. 3 - 2.10
Oats, No. 2 - 1.67
Soybeans, No. 1 - 5.54
New Ear Corn, - 68.00
Alfalfa Hay - 127.00
Mixed Hay - 110.75
Timothy Hay - 112.75

How Does Your Herd Compare?

STATE COLLEGE (Centre Co.) — This data is pulled from Pennsylvania DHIA's mainframe computer each week. It is a one-week summary representing approximately one-fourth of the herds on test, as they are tested monthly.

These data are valuable from a business management standpoint and can be used for comparing your operations to the averages from almost 1,400 herds across the state.

DHIA Averages for all herds processed between 12/04/89 and 12/11/89

Number of Herds Processed	1,461
Number of Cows Processed	83,111
Number of Cows Per Herd	56.8
Milk Per Cow (Lbs)	16,848
%-Fat	3.70
Fat Per Cow (Lbs)	623
%-Protein	3.19
Protein Per Cow (Lbs)	538
Average Days in Milk Per Cow	315
*Value for CWT Milk($)	13.37
*Value for CWT Grain($)	8.35
*Value for CWT Hay($)	4.17
*Value for CWT Silage($)	1.51
*Value for Pasture Per Day($)	.32
*Value for Milk Per Cow Per Year($)	2,253
*Feed Consumed Per Cow Per Year(Lbs)	
A: Grain	6,625
B: Hay	2,877
C: Silage	14,188
D: Day Pasture	67
*Feed Cost Per Cow Per Year($)	
A: Grain	553
B: Hay	120
C: Silage	214
D: Pasture	21
*Total Feed Cost Per Cow Per Year($)	910
*Income Over Feed Costs Per Year($)	1,343
*Grain to Milk Ratio	1:2.5
*Feed Cost Per CWT Milk($)	5.40
Avg Level For 1,207 SCC Herds	333,748

*Member generated figures

Penn State Researchers Win Awards

BIGLERVILLE (Adams Co.) — Two local fruit technicians were honored recently for having worked 25 years at Penn State's Fruit Research Laboratory in Biglerville. Robert Peters and Gene Staub both began work as technicians a quarter-century ago. Their achievements were recognized at the College of Agriculture's 25-Year Awards Ceremony at the University Park Campus on Thursday, December 7.

Both have seen numerous changes in the areas of fruit research and in the Fruit Research Laboratory, including the growth of the lab itself. The lab originally was located in a small house in Arendtsville. To accommodate new technology, in 1971 the lab was moved to its present modern facilities near Biglerville.

Peters began working in orchards for M.E. Knouse after graduating from high school. Later employed by Penn Dairies for five years, he soon returned to orchard work when hired by Penn State. Today, under Dr. George Greene, associate professor of pomology, Peters is one of two technicians who work with three part-time employees and a summer crew of college students.

Peters notes the changes in the lab's research. "The main projects used to involve cork spots on York apples," he remembers. Today his work includes nutritional studies, winter hardiness studies on peaches and investigating the use of variety trellises.

Another change has been the computerization of fruit research. "We used to keep all of our records using pencils and paper," says Peters. "Now, when we do counts, we use hand-held records in the orchards and the data can be transferred right into the computer in the lab," he says.

Peters says he enjoys the job's variety. "One day I am working inside and the next day outside," he says. His job responsibilities include keeping all spray and field records for the horticulture program, pruning, spraying and helping to conduct detailed laboratory experiments.

When not on the job, Peters enjoys fishing and hunting and also maintains a woodworking shop in the basement of his home in northern Adams County. He and his wife, Gertrude, are the parents of two children, Robert Jr. and Kathy. They have one granddaughter. Peters also is on the church council of Trinity United Church of Christ in Biglerville and is a member of the Benevolent and Protective Order of Elks in Gettysburg and the Adams County Fish and Game Association. In Cameron County, he belongs to the Sinnamahoning Sportsmen's Association and the Wycoff Run Campers Association.

Like Peters, Staub also has seen many changes at the fruit laboratory. "The work definitely has gotten more technical," he says. "It used to be primarily spraying, mowing and trimming the orchards. Now, we do experiments year-round." In addition, Staub has become more involved in the lab's research through the years.

Staub always has been employed in the fruit industry. While operating his father's fruit farm, he was hired by Penn State to prune trees on a part-time basis. Those duties eventually led to a full-time position. He currently is one of two technicians working for Dr. Larry Hull, professor of entomology.

Staub remembers that when he started, the entomology department did "mostly mite and codling moth experiments." Now, he notes, "we study all kinds of insects." Staub's responsibilities include summertime maintenance of the orchards and assisting with spray experiments. In the winter, he prunes trees and assists with experiments in the laboratory.

"The most interesting part of my job has been what I've learned from it all of these years," Staub says. "I've learned a lot about entomology in 25 years."

After work, Staub enjoys tending the large garden that he and his wife, Ida, have at their home in Brysonia, a small community in northern Adams County. In addition to working around the house and hunting, he also keeps busy by staying in touch with the couple's two children, Wesley and Becky, and their two grandchildren. Staub has served on the church council of Trinity Lutheran Church in Arendtsville and was involved with local scouting programs for a number of years.

"Merry Christmas to all ...and to all a good night."

Some Farmers May Have Used Unacceptable Tobacco Paper

ELM (Lancaster Co.)—Some tobacco farmers may still be wrapping their tobacco bales with paper that is unacceptable to local tobacco buyers. Kathy Cantrell, Bombergers Store at Elm, said a number of rolls of heavy duty tobacco paper that has a wax coating on one side has been sold in the county. This wax coated paper does not allow the tobacco to breathe in the bale and the tobacco rots or becomes moldy. Both private and auction tobacco buyers refuse to accept the bales of tobacco if they are covered with this paper.

Bombergers started out with 75 rolls of the pink/peach or salmon colored paper on a request from a farmer for a heavier weight paper. At the time they sent shipments to their dealers located in various places in Lancaster County. That was before they knew about the wax coating and the refusal of tobacco warehouses to accept tobacco wrapped in this paper.

Cantrell told *Lancaster Farming* Wednesday afternoon that most of the paper has been found and replaced. But some rolls are still on the farm and should not be used to cover the tobacco bales. Bombergers will exchange any of the wax-coated tobacco paper with new rolls of paper even if the rolls to be returned are partly used. Bombergers phone number is: (717) 664-4662.

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Chinese Educators Visit Berks County Ag Businesses

BY VALERIE VAN TASSEL
Berks Co. Correspondent

DOUGLASVILLE (Berks Co.)— Five Chinese educators had a look at Berks County agribusiness and a taste of Pennsylvania Dutch hospitality earlier this month during a tour sponsored by the Berks Co. Chamber of Commerce Agribusiness Committee. The tour included stops at Reading Bone Fertilizer Co., Georgio Foods, F.M. Brown's & Son, and Ontelaunee Orchard. The delegation, from Bejing Commercial Management Cadre Institute (BCMCI), visited Delaware Valley College for 11 days, and according to Dr. John Avery, chairman of the agribusiness department at DelVal, the visit is part of an ongoing exchange of information between the two educational institutions.

"We are interested in their work in low-input sustainable agriculture and their methods of maximizing use of agricultural land. In Lancaster and Bucks counties, we are seeing increasing urbanization. We hope to learn how to produce high-value crops on expensive lane. Vegetables and fruits are two primary crops grown in this setting in China. They also do a lot of interplanting such as soybeans and wheat," said Avery.

BCMCI train middle management officials in the commercial sector of China's economy including agribusiness managers. "The Chinese delegation hopes to learn more about our agriculture businesses, particularly our farm supply cooperatives and our distribution system. The Chinese have a great need to develop a free enterprise system," Avery explained.

Delaware Valley College decided to tour Berks County businesses because of a agriculture brochure developed by the Berks County Chamber of Commerce. "One of my students brought the brochure to class and we contacted the chamber for help," said Avery. The visit was not government funded and the chamber of commerce and a number of local businesses sponsored the tour.

The visitors had impressive credentials. Sitting around the breakfast table at Michael's Restaurant exchanging business cards printed in both English and Chinese were Feng Chinglian, president of the BCMCI, Hong-Ye Liu, associate dean, Department of Grain and Economy Management; Yi Zhongkai, dean of the Economic Faculty; Zhang Pei Gong, office director; and Xiao Yi, interpreter. A number of local businessmen and dairy farmers were present to exchange thoughts and cards with the visitors including William Hughes and Douglas Darling of Meridian Bank; Morris Brown of F.M. Brown and Sons; Herbert Wetzel, the executive director of the Berks County Chamber of Commerce; Gary Fisher of the Farm Credit Office in Shoemakersville; and dairy farmers Ernie Miller and Roy Christman.

The Chinese found the American people were the high point of the trip. "The American people are warm and friendly," Chinglian said.

"The industry and agriculture are very developed here. You have much space here. There is lots of empty land," Liu added.

Miller, Christman and Avery all have visited China and were impressed with the Chinese people as well. "They are very friendly and interested in tourists," Miller said.

During their visit the Chinese had a chance to tour a number of places including the Capitol. "They certainly got a look at the freedom to dissent. There was a Vietnam vet on the steps of the Capitol protesting a lack of health care and another person demanding housing for the homeless," Avery explained.

The group was impressed with Dr. Dennis Avery of the Center for Global Food Issue. "He told them things about their country that they didn't know. Dr. Avery feels that there are a lot of positive values coming out of China. They have made a conscious decision to import those items they can't produce efficiently and concentrate on those items that they can grow well," the college professor explained.

The visitors also took joy in some of the things we take for granted. "They really enjoyed the takeout food bar at Genardi's Super Market. You have to understand that they have very few food choices in China. K-mart with their thousands of products was also an exciting place to visit," Avery said.

A delegation of educators, representing the Bejing Commercial Management Cadre Institute in China, toured four agribusinesses in Berks County earlier this month.

William Angstadt, president of Reading Bone Fertilizer Co., shared information his business with the economic educators from China.

Pork Industry Receives Nominations

DES MOINES, IA — The Pork Industry Nominating Committee has set a January 1, 1990, deadline to receive nominations to fill five three-year terms on the National Pork Board. The positions are currently held by producers Virgil Rosendale, Augusta, IL; Leroy Vollmer, Boonville, MO; Ritchie Jordan, Suffolk, VA; Jim McKee, Attica, IN; and importer representative Henry Greenebaum, Scarsdale, NY. All five are eligible for re-election to the Board.

A total of eight persons will be selected by the National Pork Producers (Pork Act) Delegate Body from nominees submitted to the Nominating Committee by state pork producer associations, other farm organizations and individuals. Floor nominations may also be made at the Annual Meeting of the Pork Act Delegate Body, March 9, 1990, at the Galt House East in Louisville, Kentucky.

The Pork Industry Nominating Committee will consider the qualifications of all proposed candidates and will select candidates to participate in personal interviews in late January.

Nominations for the National Pork Board may be made in writing by January 1, 1990, to: Pork Industry Nominating Committee, Attn: Linda Riehm, P.O. Box 10383, Des Moines, IA 50306.

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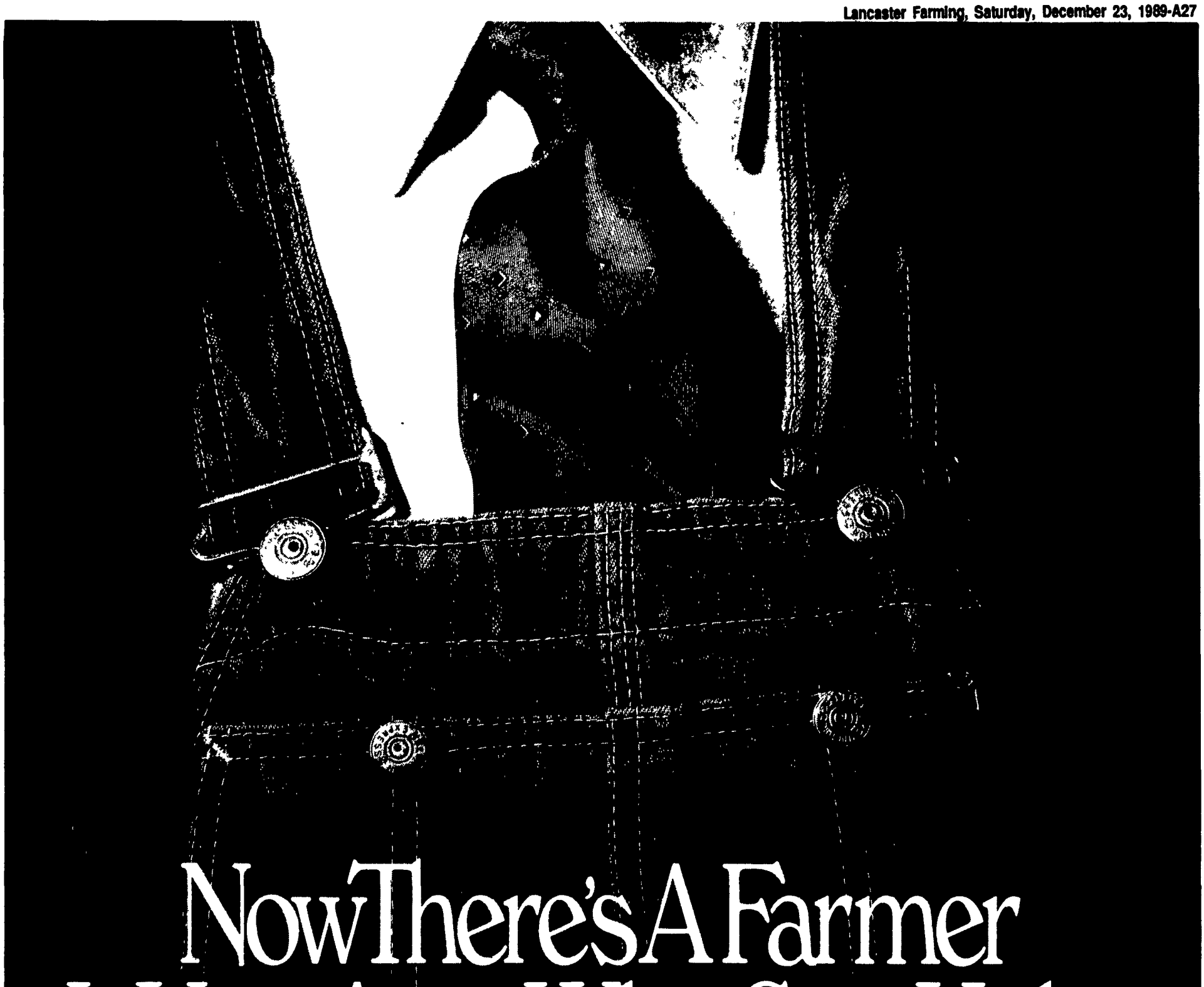

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Farm Credit Elects Directors

BALTIMORE, MD — The Farm Credit Bank of Baltimore announced the election of three directors to its board. E. McDonald Berryman, Elberon, Virginia, Richard Kriebel, Benton, Pennsylvania, and James A. Kinsey, Flemington, West Virginia, were elected by local boards of directors of the Bank's 17 affiliated Associations to two, three and one-year terms, respectively, on the Bank's Board of Directors.

Berryman, representing Region V, has served on the Bank's board since 1986 and currently is Board Chairman. Region V consists of the Colonial Farm Credit Association, (the Colonial Association's territory includes southern Maryland and eastern Virginia), and the Puerto Rico Farm Credit Association.

A diversified farmer, Berryman's operation consists of 1,200 acres, producing peanuts, corn, wheat, soybeans, and grain sorghum and includes a swine operation with 250 sows and some 3,500 finishing hogs. He is President of Beechland Corporation, a builder and developer of residential property. Berryman also serves as a Director of Farmers' Union Inc., the Virginia-Carolina Coalition for Peanut Farmers, the Southern States Johnson Brothers Advisory Board, and is a member of the Virginia Farm Bureau, the Virginia-Carolina Peanut Association, the Virginia Peanut and Soil District and other civic and community organizations.

Kriebel, representing Region II, consisting of the Keystone and Northeastern Farm Credit Associations whose territories cover the eastern and northern portions of Pennsylvania, is a newly elected director on the Baltimore Bank Board. He operates a family farm of 425 acres which produces corn and alfalfa and includes a dairy facility.

Additionally, Kriebel is a Director and current Board Chairman of the Northeastern Farm Credit Association and the Columbia County Agricultural Stabilization and Conservation Service. He is also a member and former Chairman of the Baltimore District Advisory Committee, a member of the Atlantic Dairy Cooperative, the Sire Power Advisory Board, the Pennsylvania Farmers Association, and the Pennsylvania and National Holstein Associations, in addition to other dairy, agricultural and community organizations.

Kinsey, also a newly elected director, represents Region VI, consisting of the West Virginia, Potomac Valley and Warrenton Farm Credit Associations. Association territories in Region VI include most of West Virginia and part of northern Virginia.

A beef cattle producer, Kinsey owns 100 head of performance tested Angus cattle, along with commercial cows and yearlings and farms about 1,000 acres. He is President of the Taylor County Commission and serves on the Board of the West Virginia Farm Credit Association as Vice Chairman. Kinsey also is a director of the West Virginia Cattlemen's Association, the West Virginia Beef Industry Council, the Tygart Valley Soil Conservation District and the Taylor County Economic Development Authority. He is a member of the Baltimore District Advisory Committee, West Virginia University Extension Committee, the National Cattlemen's Association/Marketing Committee and the American Angus Association, in addition to local civic and community organizations.

The recent Baltimore Farm Credit Bank director elections are part of a process which will ultimately increase the Bank's current five-member board to seven members by mid-1990. Other director elections will be held before July 1, 1990 in: Region I, consisting of the York and Penn West Farm Credit Associations, located in southern and western Pennsylvania; Region III, consisting of the Central Maryland, Delaware, Chesapeake and MARVA Farm Credit Associations whose territories cover Delaware and most of Maryland; and Region IV, consisting of the Southwest Virginia, Roanoke, and Staunton Farm Credit Associations whose service areas cover the southern half of the Shenandoah Valley in Virginia and parts of West Virginia. The Bank's elected board will select an outside director to fill the seventh seat on the Board by mid-1990.

The Farm Credit Bank of Baltimore, through its 17 affiliated Associations, is currently providing financial services, and $2.8 billion in loans to over 49,000 borrowers in Delaware, Maryland, Pennsylvania, Virginia, West Virginia and the Commonwealth of Puerto Rico.

Eastern Producers Garner Communication Awards

SYRACUSE, NY — Eastern Milk Producers Cooperative garnered six communications awards, including three Best of Class, at National Milk Producers Federation's Dairy Summit held in Nashville, Tenn. from Nov. 26 to Dec. 1.

The awards and categories are as follows:

- Best of Class for "1989 Annual Report: A Tribute to Rural Life", by Robert Stronach of Marcy, N.Y.; Anthony Schlesier of Hartwick, N.Y., and Patricia Stokes of Morrisville, N.Y.
- Best of Class for video, "The 6 O'Clock News," by Robert Stronarch and Anthony Schlesier.
- Best of Class for color photography, by Robert Stronach.
- First Place for color magazine, "Eastern Milk Producer," by Robert Stronach, editor, and Anthony Schlesier, co-editor.
- First Place for education campaign involving two videos, "Striving for Excellence" and "The 6 O'Clock News," by Robert Stronach and Anthony Schlesier.
- Third Place for black and white photography by Patricia Stokes.

Stronach is communications director for Eastern; Schlesier is membership manager, and Stokes is communications coordinator.

Before joining Eastern in 1986, Stronach worked on daily newspapers and in marketing communications. He and his wife, Mary, have five children.

Schlesier ran a dairy farm before joining the co-op's management team in 1984. He and his wife, Angie, have four daughters.

Stokes joined Eastern in 1982 after doing graphic design, layout and advertising work for weekly newspapers. She and her husband, James, have two children.

Eastern Milk is a dairy cooperative based in Syracuse, N.Y., with nearly 3,000 member farms in nine states.

National Milk Producers Federation is an Arlington, Va.- based farm commodity organization representing nearly all of the several hundred dairy marketing cooperatives serving the U.S.

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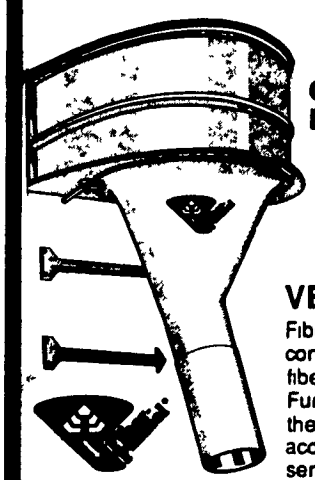

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Farm Group Survey Shows Opposition To U.S. GATT Plan

DENVER, CO — A recent survey done by the Denver-based National Farmers Union shows that 70 percent of survey respondents are opposed to a U.S. proposal to eliminate certain farm programs through the General Agreement on Tariffs and Trade (GATT) negotiations.

The telephone survey of 1392 Farmers Union members in 20 states indicated that only 10 percent of those farmers responding favor the Bush Administration's GATT plan while 20 percent were unsure.

The U.S. trade team's proposal, designed to eliminate what Administration officials call "trade-distorting" subsidies, would ultimately eliminate any kind of domestic farm programs that are tied to production or prices in participating countries. That would mean the end of acreage set-aside or other supply management programs the U.S. has used historically.

National Farmers Union President Leland Swenson says the farm group did the survey to gauge "how clearly farmers understand the U.S. proposal and how they feel about it." He said that although the survey polled only Farmers Union members, it showed a "real understanding and concern among farmers about the U.S. position."

Another part of the survey asked farmers to express their opinion on what the most important goal of the 1990 farm bill should be. Of those responding, 47 percent said that adequate price support levels and price stability is what Congress should work for when developing the new program.

Other farm bill goals expressed included targeting benefits to family-scale operators, dairy price stability, and conservation and environmental issues. Six percent of responses said foreign trade issues should be the number one priority of the next farm program.

Swenson says a number of surveys on farm policy are being conducted by various organizations now that farm bill debate is ready to go into full swing. He says that a recent study sponsored by the Cooperative Extension Service in several states also showed support for maintaining some kind of price support system in agriculture. That study, which polled 13,000 farmers in 21 states, indicated that only eight percent of the farmers responding favored decoupling, or the elimination of production-based farm programs. Swenson says that "tells us how overwhelmingly unpopular the U.S. position in GATT really is."

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Eight Maryland Residents Receive National 4-H Honors

COLLEGE PARK, MD — Seven Maryland teen-agers and one adult were honored during the 68th National 4-H Congress last week in Chicago. More than 1,600 of the nation's outstanding 4-H members attended.

Maryland was represented by a contingent of 36 youth delegates and four adult chaperones. The chaperones represented the Maryland 4-H Club Foundation and the University of Maryland's Cooperative Extension Service.

Gene L. Swackhamer of Sparks (Baltimore County) was one of eight former 4-H members from throughout the nation who received the coveted Gold Key award at a national 4-H alumni winners recognition luncheon in the Chicago Hilton hotel.

David W. Simpson of Green Valley (Frederick County), a 1988 Gold Key award winner, gave the inspirational message during a Sunday morning worship service at this year's National 4-H Congress. Simpson is a United Methodist minister serving congregations in upper Montgomery County.

At other events during the week, seven Maryland 4-H members were presented with $1,000 or $1,500 college scholarships provided by industry supporters of the national 4-H program. The Maryland scholarship winners are:

Frederick County — Heather D. Corson, 17, of Braddock Heights and Heidi L. Glisan, 17, of New London.

Carroll County — Jenell R. Rinehart, 16, of Taneytown.

Howard County — Ernest H. Beck, 17 of Jessup; Michael T. Howell, 19, of Glenelg; and Matthew E. Iager, 18, of Fulton.

Montgomery County — Rebecca A. Segal, 17, of Four Corners.

* * * * * * *

A former Indiana 4-H member, Swackhamer has been president and chief executive officer for the Farm Credit Bank of Baltimore since 1977. He began his farm finance career in 1970 as director of research for the Farm Credit Administration in Washington, D.C.

Swackhamer grew up on a farm in Jackson Township, Clinton County, near Frankfort, Ind. His 4-H projects included swine, crops, conservation and gardening. The latter project earned him a national 4-H scholarship award in 1956. He was president of the Indiana 4-H Junior Leaders in 1955-56.

He is currently vice president and a member of the board of directors for the Maryland 4-H Club Foundation. He also holds membership in the International 4-H Youth Exchange Alumni Association and the Gunpowder Junior Farmers Club, believed to be the oldest continuous club of its kind in the nation. He is an active member of Faith Lutheran Church.

Swackhamer holds an M.S. degree from Cornell University and a Ph.D. from Purdue University. He is an Alpha Zeta member and past president of the Purdue Alumni Club of Baltimore.

(Turn to Page A38)

Jenell R. Rinehart, 16, of Taneytown (Carroll County) shows off her favorite breed of cow to fellow members of Maryland's 1989 national champion 4-H dairy cattle judging team. The team included (left to right): Randy Stiles, 19, of Bootjack (Montgomery County) and Jim Allen, 18, of Broad Run (Frederick County). Stacey Guyton, 17, of Arnoldstown (Frederick County), the other team member, was not present for this picture. At right is the team coach, Dr. J. Lee Majeskie, Extension dairy specialist at the University of Maryland. Jenell was one of six 4-H members from across the U.S. who were named national dairy winners at the recent National 4-H Congress in Chicago.

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Thus saith the Lord, Learn not the way of the heathen, and be not dismayed at the signs of heaven; for the heathen are dismayed at them.

For the customs of the people are vain: one cutteth a tree out of the forest, the work of the hands of the workman, with the axe. They deck it with silver and with gold; they fasten it with nails and with hammers, that it move not.

They are upright as the palm tree, But speak not: they must needs be borne, because they cannot go. Be not afraid of them; for they cannot do evil, neither is it in them to do good.

Forasmuch as there is none like unto thee, O Lord; thou art great, and thy name is great in might,

Jeremiah 10:2-6

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12-23

Farm Calendar

(Continued from Page A10)

Tuesday, January 9

Penn State income tax meeting, Perkins Pancake House, Warren, 8:00 a.m. to 4:00 p.m.

Horticultural business management short course, Lancaster Farm & Home Center, Lancaster, 9:00 a.m. to 11:30 a.m.

Pennsylvania Dairyman's Association annual meeting and banquet, Sheraton Harrisburg-East, Harrisburg, reception at 6:00 p.m., dinner at 6:30 p.m.

Wednesday, January 10

Penn State income tax meeting, Holiday Inn Edinboro, Edinboro, 8:00 a.m. to 4:00p.m.

Pennsylvania Beeef Council meeting, Harrisburg Marriott Inn, Harrisburg, 6:30 p.m.

Lancaster County home horticulture seminar on vegetable gardening, Lancaster Farm & Home Center, Lancaster, 7:30 p.m. to 9:30 p.m.

Dairy Feeding System Symposium, Penn Harris Inn & Convention Center, Harrisburg; runs through January 12.

Western New York Horticulture Show, Dome Center, Rochester, N.Y.; runs through January 11.

Thursday, January 11

Penn State income tax meeting, Mercer County Extension center, Mercer, 8:00 a.m. to 4:00 p.m.

Friday, January 12

Penn State income tax meeting, Holiday Inn, Dubois, 8:00 a.m. to 4:00 p.m.

PIC Swine Seminar, Leola Family Restaurant, Leola, 10:00 a.m. to 3:30 p.m.

Saturday, January 13

Forage Conference, Caroline County 4-H Park, Williston, Md., 9:30 a.m.

Franklin County Holstein Club annual meeting, Lemasters Community Center, Lemasters, 7:00 p.m.

MATT 2:11
'And when they were come unto the house, they saw the young child with Mary, his mother, and fell down and worshipped him; and when they had opened their treasures, they presented unto him gifts: gold, and frankincense, and myrrh.'

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COBA/Select Sires Hold Meetings And Seminars

COLUMBUS, OH — General Manager, Larry Neel announces that the 1990 edition of the COBA/Select Sires, Inc. District Member Meetings-- Dairy Management Seminars will be held during the last week of January carrying over into the first few days of February. All meetings will begin at 10:00 a.m. with registration. Promptly at 10:30 a.m., the business meeting will begin. Delegates will be elected for all Districts, and an election for Director will be held in districts 3, 5, 10, 12, 15. A luncheon will be served compliments of COBA/Select Sires, and the featured speaker will follow.

An outstanding cast of speakers is on the schedule for this year. Dr. A. E. Freeman; Professor of Animal Science, Iowa State Univrsity, will speak on "Integrating Genetic Evaluations into a Breeding Plan for Your Herd. Members in Districts 4, 5, 6, and 7 will hear Dr. Freeman. Districts 1N, 1S, 2, and 3 will have the pleasure of hearing Dr. George Heersche, Professor of Animal Science, University of Kentucky. Dr. Heersche's topic will be "Why A.I. Heifers." "Using Animal Model Genetic Evaluations" will be the topic of Dr. Ronald Pearson, Professor of Dairy Science, Virginia Polytechnic Institute and State University. He will be speaking in Districts 8, 9, 10, 11N, and 11S.

Information on the new January 1990 Lineup will be presented by either COBA or Select Sires personnel.

All members are encouraged to attend the scheduled meeting in their district. A complete list of dates and locations follows.

COBA/Select Sires, Inc. is a member owned and controlled agricultural cooperative organized to serve the needs of dairy and beef producers by providing top quality genetics and programs of service.

1990 District Member Meetings and Dairy Management Seminars

DISTRICT 1N
February 1, 1990
Holiday Inn, Napoleon, OH
Jct. St. Rts. 108 & 24

DISTRICT 1S
January 31, 1990
Best Western Motel, Lima, OH
I-75 & Bluelick Rd.

DISTRICT 2
January 30, 1990
K. of C. Hall, Minster, OH

DISTRICT 3
January 29, 1990
Holiday Inn-Englewood, Dayton, OH
Jct. St. Rt. 48 & I-70, Exit 48

DISTRICT 4
January 30, 1990
Elks Lodge, Wilmington, OH
Jct. Rts. 73, 22 & 3

DISTRICT 5
February 1, 1990
Der Dutchman, Plain City, OH
S. on St. Rt. 42; near Jct. 42 & 161, south side of town.

DISTRICT 6
Janaury 29, 1990
University Inn, Athens, OH
US 33 bypass take Athens exit to St. Rt. 682 left at light, Inn on right.

DISTRICT 7
January 31, 1990
Barber Civic Center, Newcomerstown, OH
St. 36 2 miles W off I-77, S on 258 ½ mile on Rt.

DISTRICT 8
February 2, 1990
The Barn, Smithville, OH
5 miles N of Wooster on Rt. 585.

DISTRICT 9
February 1, 1990
Timberlanes, Salem, OH
Jct. of Hwys. 14 & 62 on E side of Salem S one block R on E. Pershing St. 2 blocks.

DISTRICT 10
January 31, 1990
Golden Gate Restaurant, Warren, OH
Northwest of Warren on Rt. 422.

DISTRICT 11N
January 30, 1990
Days Inn, Meadville, PA
Exit off I-79 at St. Rts. 19 & 322.

DISTRICT 11S
January 29, 1990
Days Inn, Butler, PA
139 N. Pittsburg Rd. take Butler exit off St. Rt. 422 S. on St. Rt. 8.

Harwell Named Polled Hereford Exec

KANSAS CITY, MO — Kenneth N. Harwell has been named executive vice president of the American Polled Hereford Association (APHA), according to an announcement from APHA President and CEO Larry Heidebrecht.

In the newly-created position at the Kansas City-based breed group, Harwell is responsible for all operations for administrative activities and financial management of the association.

A 21-year APHA staff member, Harwell was formerly senior vice president and served as the association's interim president this year from March through September.

The American Polled Hereford Association, with its some 12,000 members, is currently the nation's third largest beef breed registry association. Long-recognized as a leader in innovative performance and educational efforts, APHA serves members in all 50 states, Canada and several foreign countries.

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Managing People Counts When You Manage Cows

NEWARK, DE — According to University of Delaware Extension dairy specialist George F.W. Haenlein, "Many dairy owners are good herd managers, but may not be good people managers. This lack of people management skills can lead to problems in the operation."

Milking machine operators or milkers are one of, if not the most important component of any dairy farm. These individuals have the greatest influence on milk quality. Skilled milkers can assure dairy owners a profitable return on their investment. Milkers harvest the product and handle the harvesting equipment two and sometimes three times a day. Their skills and attitudes determine both the quantity and the quality of milk production.

"Good people management," says Haenlein, "begins with successful recruiting and continues through careful training, up-to-date education, proper motivation and daily supervision of employees."

Before the employees search even begins, dairy owners should have a clear understanding of all the responsibilities of each prospective employee. Job descriptions should be specific.

In a survey investigating dairy manager and milker relationships, milkers and dairy managers were asked: Is the milker responsible for cleaning the milking equipment? While 100 percent of the managers answered "yes," only 93 percent of the milkers responded likewise. "Because job descriptions weren't clear or were not communicated effectively to all employees," says Haenlein, "we can speculate that seven percent of the dairies surveyed could have had dirty milking equipment."

Quality recruitment can produce quality applicants. Keep in mind, he says, that the people you hire will have to handle two of the largest investments on a dairy farm--the milking equipment and the cows--so it pays to invest some time and effort in the hiring process. To recruit employees, advertise in local newspapers and farm magazines, inquire at placement and veteran employment services, ask other dairy producers and talk to Cooperative Extension dairy agents about possible candidates.

Haenlein suggests that interviews be conducted by the dairy owner and those who will have direct supervision of the candidate. Desired characteristics of milkers should be listed prior to the interview. Questions should determine if applicants have these characteristics. During the interview, managers should spend time with the applicants, walking through the milking parlor and among the cows to determine if the applicants possess good "cow sense" and common sense. Questions must be asked to find out if the applicants have a commitment to working hard, milking cows daily and also have a willingness to learn new skills.

"Checking references is a must," says Haenlein. "Reasons applicants had to leave former jobs may be the same reasons they won't suit your operation. Do not hire a problem."

Once the dairy owner has decided to hire, the people management responsibilities really begin. Milkers need to understand what is expected of them, the dairy specialist says. He advises owners to outline in as much detail as possible such things as job duties, salary, schedule of raises or promotions, bonus or incentive plans, benefits, insurance, vacation days, paid holidays, food benefits, housing and utilities. Goals of the dairy farm, the management and milkers should be outlined and explained. Incentive plans must be defined so the new milkers understand what is expected before they can earn such benefits. Both parties, employee and employer, should sign all forms.

"Time invested at this stage will save time later and prevent future problems," Haenlein says.

It is important to remember that training and educating is not a one-time job, he adds. Training is expensive and time-consuming. Dairy owners must spend time with their new employees explaining the importance and specifics of proper milking procedures. Clearly explain how milking equipment operates and factors that can increase the risk of mastitis. Productivity from milkers will increase when they understand why they are performing each task.

Top-notch dairy owners will help milkers develop pride in their jobs by explaining how their duties will help reach short-and long-term goals. Milkers who are proud of their jobs will strive to produce quality milk. Effective people managers explain the difference between acceptable and exceptional performance in the milking parlor and reward milkers for exceptional work.

"Dairy owners should maintain continuous records on each cow, the herd and each employee, including wages, promotions, grievances, performance reviews, sick leave, accidents and tax data," the dairy specialist says.

Don't fall into the trap of believing that money is the only form of motivation, he adds. An extra day off or a paid weekend at a resort can often be better motivators than a little cash. Unexpected gifts are excellent motivators.

Incentive plans should be designed to reward milkers when their milking skills have contributed to goals, such as reducing somatic cell counts.

Don't charge the rules in the middle of the game or have hidden rules. Incentives for milkers should not depend on operations over which they have no control. Incentives or bonus plans should not encourage practices on the part of milkers which would be uneconomical to the employer.

Haenlein encourages dairy managers to establish and maintain an environment in which milkers' achievements are recognized and opportunities for promotions are presented.

Teaching milkers new skills can often be a form of promotion. Promoting milkers to "Head" or "Lead Milker" and giving them supervisory responsibilities is one example of effective promotion, says Haenlein. Delegating additional responsibilities to one milker can provide another form of promotion. For example, impress upon the individual selected the importance of vacuum controller maintenance and ask him or her to assume this responsibility. Promoting does not have to involve money--promoting is attention.

"Managing people is more difficult than managing livestock," warns Haenlein. "It cannot be done while sitting in front of a computer terminal. It is essential for dairy managers to constantly supervise the operation. This means being present in the milking parlor, giving feedback to milkers so they know where they stand in performing their tasks. Supervision needn't degenerate into spying, rather it should be perceived by workers as available support."

Haenlein also suggests that dairy managers participate in the milking at least once a month. This gives them a better understanding of the problems of milking and provides insights into ways to improve milking conditions and procedures. It also sends a signal to the milkers that the milking operation is very important to management.

"Dairy managers must be sure that problems of their milkers are employee, not employer problems," Haenlein emphasizes. "The first step in becoming an effective dairy farm manager is learning to manage people. Proper milking can be conducted only by well-trained and well-managed employees. Quality products are the result of quality people management. Profits will follow."

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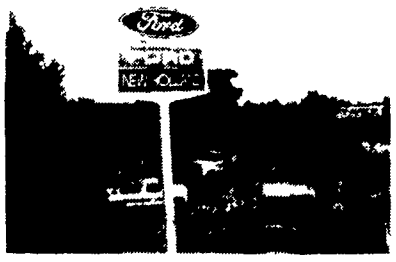

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DHIA, IA Contribute To Dairy Genetics

BY
GEORGE F.W. HAENLEIN
Extension Dairy Specialist
University of Delaware

NEWARK, DE — Over the last few decades, great emphasis has been placed on better dairy herd health programs and improved genetics. Thanks to A.I. and DHIA, dairy cows in many countries, especially in the United States, have had phenomenal success stories in genetics. Records that I have kept on Delaware dairy herds, in addition to our University of Delaware herd, indicate an almost 100% improvement in milk production per cow per year since 1959, from 9,400 pounds to 18,100 pounds in 1989, with the fat test changing only slightly from 3.9% to 3.7%.

Herd health also greatly benefitted from the introduction of A.I., by eliminating, to a large extent, many costly reproductive diseases that used to plague dairy cows and were transmitted from cow to cow by natural service bulls. The fight against mastitis also has benefited greatly from DHIA adopting somatic cell-count testing as a routine part of a monthly monitoring mastitis herd health program. Since its adoption by Delaware DHIA 5 years ago, we have progressed 33 percent from 512,000 down to 343,000 somatic cell-count per herd rolling average.

However, fertility as part of satisfactory or even improved reproduction has not enjoyed similar progress. There is even indication that the tremendous progress in the production of milk volume, milk fat, milk protein, milk lactose and milk mineral yields has something to do, in a negative way, with the lack of fertility improvement or even its regression.

A study of New York DHIA herds shows that fertility rates are lower in high-producing herds than in lower-producing herds. Pennsylvania studies found significantly lower first-service conception rates in high-producing cows when inseminated before 100 days after calving than in lower-producing cows. However, in cows milking more than 100 days after calving, there was no difference between high- and low-producing cows in conception rate. This suggests that high milk production during the peak period of the first 100 days of lactation and all related factors, especially feeding and nutrition for that peak production, have something to do with the problems in conception rate.

Studies have focused on the role of protein in the dairy ration with respect to fertility. When dietary protein levels were increased, conception rates improved in some trials but worsened in others, depending on other factors, obviously, besides the change from 16 percent to 20 percent protein in the ration. New studies on the degree of undegradability of protein in the rumen seem to indicate that high rates of degradation of protein in the rumen lower fertility because of liberated ammonia that is absorbed into the cows' bloodstream from the rumen.

When extra energy sources are fed, the free ammonia is bound up by rumen micro-organisms, and fertility is improved. Direct evidence of the involvement of the percent of rumen-degradable protein comes from studies with superovulating embryo-producing cows, because fewer embryos were harvested when rations contained high levels of rumen-degradable protein.

Levels of urea in the circulating blood of dairy cows can provide an indication of whether, for example, a 19 percent crude protein dairy ration will affect cow and heifer fertility or not, because blood urea contents are related to rumen-degradation rates of protein. In recent studies, cows with a blood urea test of 10 mg/dl had a conception rate of 57 percent; others with 10-20 mg/dl had 47 percent; and a third group with more than 20 mg/dl had a conception rate of 39 percent.

Routine testing for blood urea levels of a few cows in that critical time period of 40-100 days after calving, when new estrus and new conception is supposed to occur, would be a good new idea. Better monitoring of nutrition and feeding improves dairy herd health as it relates to reproduction and profit.

Holiday Deadlines

The *Lancaster Farming* office will be closed Monday, December 25, in observance of Christmas. Deadlines for the December 30 issue are as follows:

- Mailbox Market Ads — 5:00 p.m. Friday.
- Public Sale Ads — 5:00 p.m. Friday.
- General News — 5:00 p.m. Wednesday.
- Late Breaking News — Noon Thursday.
- Classified Section B Ads — 5:00 p.m., Wednesday.
- All other classified Ads — 9:00 a.m., Thursday.

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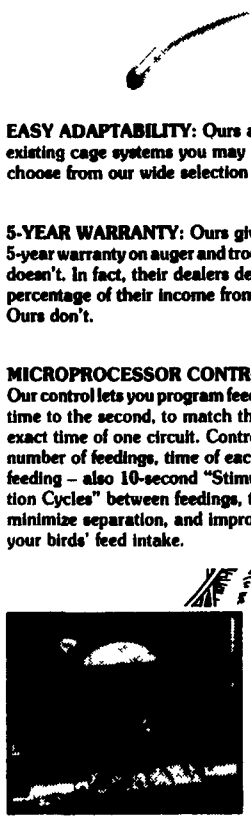

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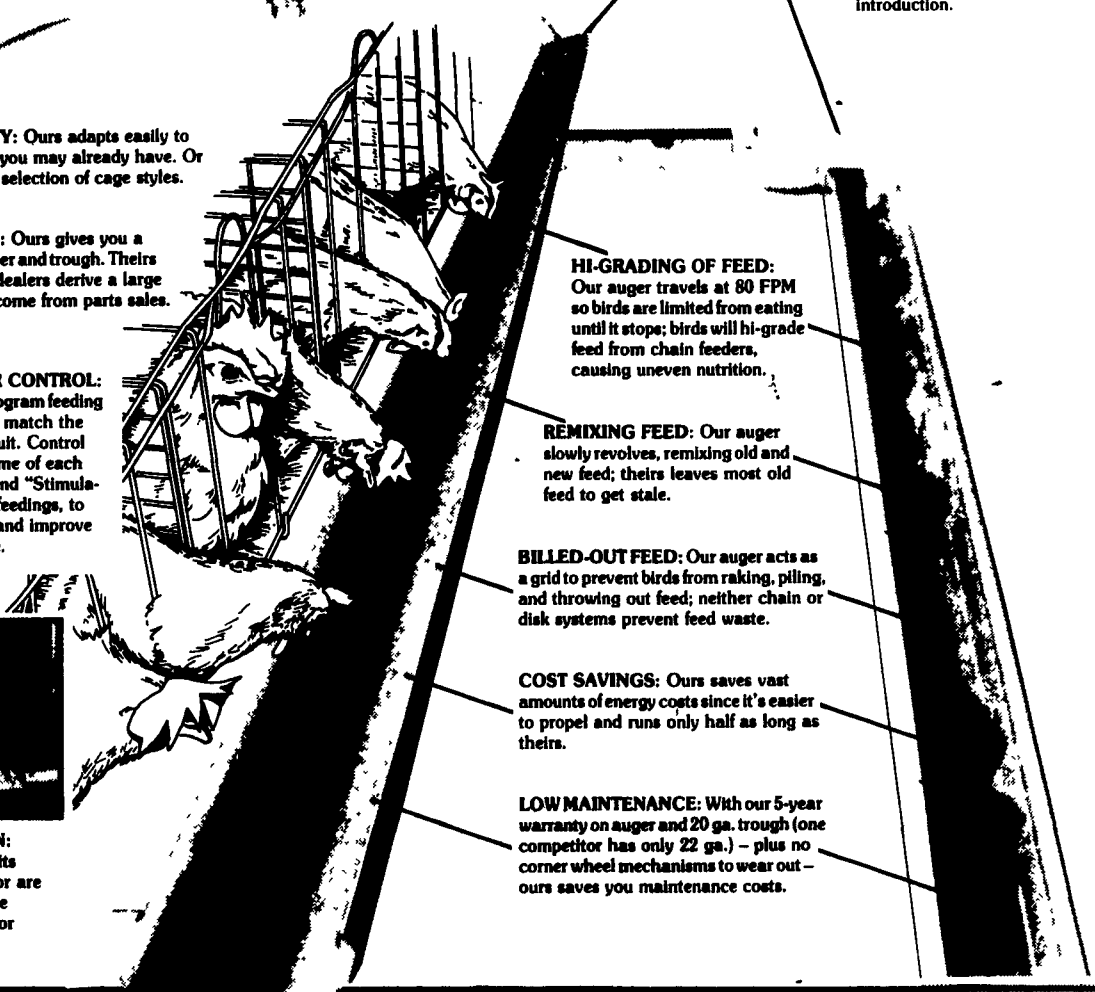

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12 HP Elect. St. Silenced ADN48	$1,360.00
14 HP Handcrank St. ADN54	$1,184.00
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Pennsylvania Seedsmen Support Changes To Plant Protection Act

BY LISA RISSER

LANCASTER (Lancaster Co.) — "Farmers selling protected seeds to other farmers has gotten to be a cottage industry, particularly in cotton and soybeans," said Jerry Peterson, president of American Seed Trade Association (ASTA), at the recent Pennsylvania Seedsmen's Association winter meeting.

At Peterson's urging, the members of the Pennsylvania Seedsmen's Association unanimously voted to support the ASTA in its push to get the Plant Variety Protection Act amended.

The proposed amendments would tighten up the loose wording of the right-to-save-seed or farmer's exemption. As it is currently written, "Seed can be sold under the counter," said Peterson. "In the Midwest, farmers have sold seeds of protected varieties to other farmers. This undermines the value of plant protection."

After the United States Department of Agriculture turned down a request for a language change to the Act, the ASTA formed s special committee to prepare amendments to the Act.

The amendments are to prohibit sales of protected seeds by the farm where it is grown; make it an infringement to buy protected seed for reproductive purposes without the owner's permission; and that anyone who cleans, conditions, or treats a protected seed variety must have the owner's permission before selling the seed or must return it to the owner after being processed.

Peterson reported that ASTA is looking for sponsors for the amendments as well as supporters. He urged the seedsmen to join in this search.

Celebrating 40 years

John Baylor, representing the Atlantic Seedsman Association, Pennsylvania Secretary of Agriculture Boyd Wolff, and Peterson joined to commend and congratulate the Pennsylvania Seedsmen's Association on its 40th anniversary. Wolff noted that the seed industry has changed drastically in the past 40 years and stated that the Pennsylvania Department of Agriculture will continue to address seedsmen's concerns. "The PDA seed lab will continue to strive to process seed samples within 10 days," Wolff said. "In addition, we are looking at an ammendment to the Seed Act for seed salesmen to be licensed."

The proposed licensing, which is only in what Wolff terms the concerned stage, will protect dealers from being sold seeds that couldn't be resold. PDA is seeking comments from Pennsylvania seedsmen on licensing.

Farm seed report

"The corn seed supply looks excellent industry wide this year," reported Tim Markovits of Pioneer. "Last year, because of bad weather conditions, we had reduced carryover seed, which prompted companies to plant larger than normal acreages to build back carryover supply."

Markovits predicted that corn acreage will be up slightly in Pennsylvania partially because the corn price has stayed relatively strong. He added that the seed price for corn, industry wide, will be basically the same or slightly lower than last year's prices.

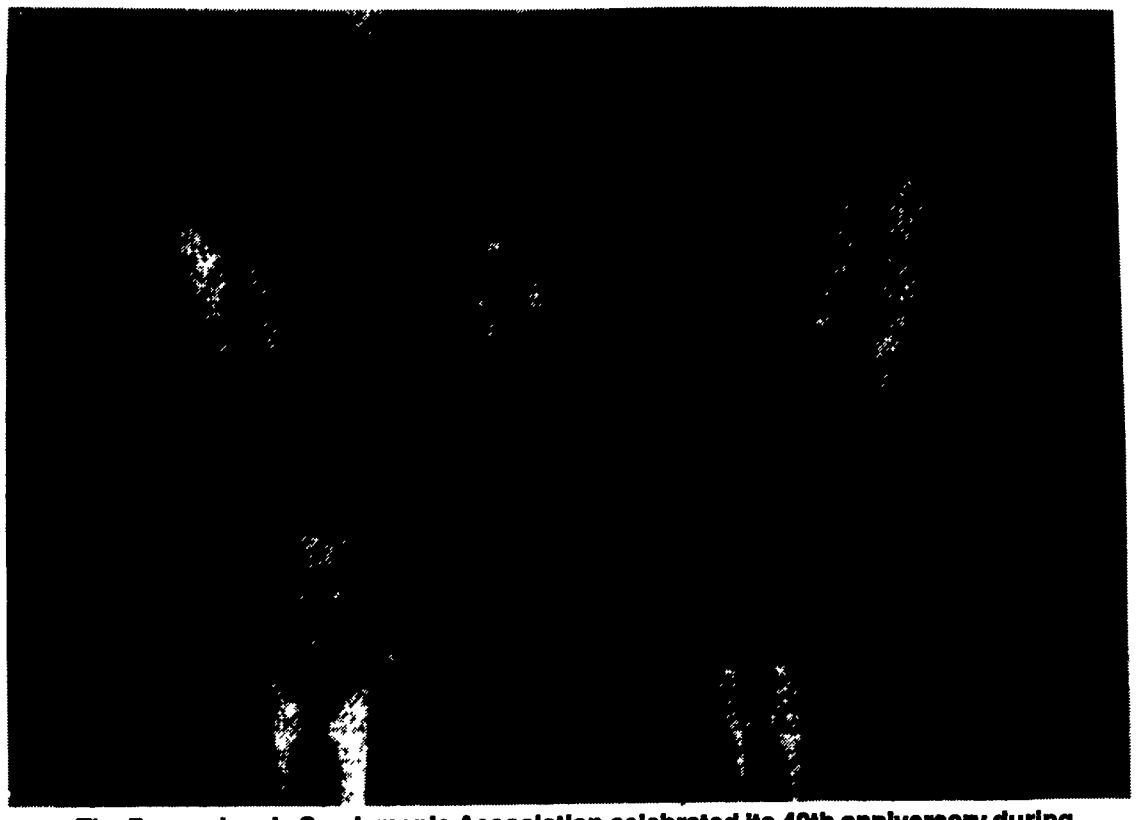
The supply for soybean seeds is very good and the quality is excellent, according Markovits. The planted acreage will be flat or down slightly compared to last year, and the seed cost will be lower than last year.

"Considering the weather conditions this past year, there will be more alfalfa planted this spring," predicted Markovits. "The seed supply for common varieties should be adequate to cover the needs. Supplies on the new or proprietary varieties should be adequate to slightly less.

"If farmers are looking to plant alfalfa this spring, they should confirm their seed now," he warned. Production seed yields were reduced this year on newer varieties due to bad weather conditions, and the price will reflect this. The pricing on older or public varieties will be stable or a little lower than last year.

Markovits added that the seed supply for forage grasses is excellent and the price will be down considerably.

In other business, members renewed Tim Markovits' board term, elected Fred Gaston and John Burpee as new board members.



The Pennsylvania Seedsmen's Association celebrated its 40th anniversary during its winter meeting in Lancaster last week. Joining in the celebration were, from left, back row: Boyd Wolff, Pennsylvania Secretary of Agriculture; Jerry Peterson, president of the American Seed Trade Association (ASTA); James Billings, regional vice president of the ASTA; front row: Charlie Abbott, a founder of the association; and Dennis Shoop of Agway, association president.

Maryland 4-H Member Is Presidential Tray Winner

COLLEGE PARK, MD — Michael T. Howell, 19, of Glenelg has become the third Maryland teen-ager in six years-- and the second from Howard County-- to win the prestigious 4-H silver tray award, given on behalf of the President of the United States.

Howell was one of 12 outstanding young persons who received the Presidential Award during a banquet that closed out the 68th National 4-H Congress last week (Dec. 2-6) at the Chicago Hilton hotel in Chicago. More than 1,600 of the nation's outstanding 4-H members were in attendance.

In addition to the silver tray, each of the Presidential Award winners received a $1,500 scholarship from the Reader's Digest Foundation.

The 12 honorees were selected through personal interviews from among national winners of $1,000 scholarships in various 4-H program areas. Seven of this year's national scholarship winners were from Maryland.

Interviews for selecting the Presidential Award winners were conducted by representatives of the Cooperative Extension Service from land-grant universities and the U.S. Department of Agriculture. These agencies supervise the nationwide 4-H program for nearly 5.5 million youth.

Earlier during this year's National 4-H Congress, Mike was honored as one of four national winners in the 4-H sheep program. That earned him a $1,000 scholarship from the American Sheep Industry Association. Winners were selected by the Cooperative Extension System. Arrangements were handled by the National 4-H Council.

A 4-H member since the age of 9, Mike Howell credits the 4-H program with both developing his expertise in sheep production and stirring up an interest in intercultural affairs.

When three Costa Rican participants in the Central American Peace Scholarship Program came to Howard County several years ago, Mike honed his high school Spanish by helping the trio to understand U.S. culture and the English language. He later spent six months in Costa Rica as a participant in the International 4-H Youth Exchange program.

His acquired fluency in Spanish enabled him to serve more recently as interpreter and guide for several Extension agents from Brazil who toured the Howard County area-- even though their native tongue was Portuguese.

Now Mike is into Japanese studies and hopes to spend next summer participating in a cultural exchange program with that Asian country. A sophomore at Earlham College in Richmond, Ind., Mike has aspirations of becoming a professor of Eastern religions or philosophy.

Mike's mother, Peggy Howell, recalls that one of the memorable events during her son's 4-H sheep project years was hauling three purebred Shropshire ewes home from Harrisburg, Pa., in the back seat of the family Volkswagen after Mike and the county Extension 4-H agent had purchased them at a sale.

Mike's sister, Jeanne, has now taken over the sheep flock as her 4-H project. Their father, Thomas Allan Howell, is a computer specialist with the U.S. Department of Agriculture's Agricultural Research Service at Beltsville.

In addition to sheep production and intercultural activities, Mike has been active as a junior 4-H leader, teaching basic sheep care to younger 4-H members. He has helped to train the county 4-H livestock judging team, and he has designed lamb and wool displays for the county and state fairs.

Mike and his fellow 4-H club members also have been active in community service work, including a fund-raising event that netted $3,000 to help pay hospital bills for a 4-H member in need.

Previous Maryland winners of the national 4-H Presidential Award have included Duncan Murrell of Rockville (Montgomery County) in 1985; Stephanie M. Pardoe of Lisbon (Howard County) in 1983, and Dwight C. Smith of Jefferson (Frederick County) in 1965.

Duncan is now a senior at Cornell University in Ithaca, N.Y. Stephanie is an emergency medical technician for the Lisbon volunteer fire department, a business major at Howard Community College, and an employee at Sandy Spring National Bank in Ashton.

Wayne DHIA Celebrates 63rd Year

HONESDALE (Wayne Co.)— The Wayne County Dairy Herd Improvement Association completed its 63rd year of milk testing on October 8, 1989, with 98 whole year herds. In addition, four owner sampler herds completed the testing year. During 1989, 4809 cows were on test in the county producing on the average 15,717 pounds of milk and 578 pounds of butterfat per cow. The number of cows on test was down 555 from the previous year, but production was at an all-time high with 298 pounds of milk and 22 pounds of butterfat per cow above the 1988 levels.

The top herd in milk and butterfat production was Kevin Burleigh, Pleasant Mount, with a record of 21,198 pounds of milk, 800 pounds of butterfat and 677 pounds of protein per cow. Charles P. Dennis Jr. of Honesdale had the top herd in protein production with 20,908 pounds of milk, 775 pounds of butterfat and 706 pounds of protein.

Other dairymen with herds in excess of 700 pounds butterfat per cow were Rowe Brothers, Honesdale, 756 and Gary Fielding, Lake Ariel, 736. Additional dairy herds with protein production records in excess of 600 pounds were Kevin Burleigh, 677; Jack & Ella Chyle, Pleasant Mount, 642; Gary Fielding, 640; Rowe Brothers, Honesdale, 621; A & M Spangenberg, 618; Alton C. Olver, 617; Clearfield Farms, Honesdale, 613; Clyde Eltz, Pleasant Mount, 602; and Arthur Rutledge, 602.

The cow with the highest butterfat lactation record in the association for the year was "Verna 1" owned by Charles Dennis. She produced in 305 days 27,627 pounds of milk and 1143 pounds of fat. "Cricket," a cow owned by Clearfield Farms, had the top lactation milk record for 305 days. She produced 28,773 pounds of milk and 826 pounds of butterfat. The current record holder for the highest lifetime total in milk and butterfat production is "Satifac" owned by Rowe Brothers. In 11 lactations she milked 241,563 pounds of milk and 8576 pounds of butterfat. The high quality milk award has been earned by James Slocum of Susquehanna. This award is presented to the herd owner with the lowest average somatic cell count for the testing year, which in this case was 74,000. Other herds with somatic cell counts of 150,000 and below were Alton C. Olver, Honesdale, 107,000; Carl A. Robinson, 116,000; Kevin Burleigh, 117,000; William Taninies, 127,000; Charles P. Dennis Jr., 135,000; and Ken & Elaine Soden, 135,000.

Bear Brook Farm of Lake Ariel has been recognized for having the largest increase in milk production over the previous year.

The Wayne County Dairy herd Improvement Association held its annual meeting November 14 at the Fireside. David Soden, president of the group presided. Awards were presented and John Castrogiavanna, State Director, spoke on centralization. New directors elected for three-year terms were David Soden, Ellis Dix and Gary Rickard. Other directors are Harry Antoniolli, William Bryant, Charles Dennis, Michael Nebzydoski, John Pawloski, James Slocum, Marlyn Shaffer, and Grant Teeple. Marilyn Johnson of Honesdale serves as secretary-treasurer.

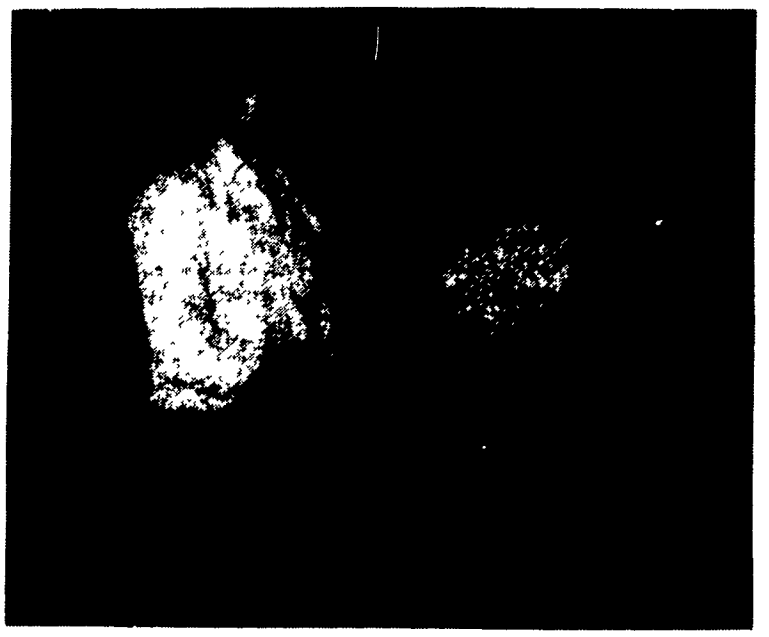
Potter DHIA Hold Annual Meeting

ULYSSES (Potter Co.)— Duane Adams, Genesee, received a plaque for having the most improved herd in milk production in 1989 at the annual Potter County DHIA meeting held Tuesday, December 5, at Penn York Campus, Ulysses. Jeff Brown presented the award from Northeastern Farm Credit. Agway sponsored a $25 award to Kevin Risser, Coudersport, for having the high herd in milk production at 22,546 average per cow. Risser also received a $25 award from Sire Power for having the high protein average of 720 pounds. The Smoker family earned the high fat award from Blue Seal, also $25, for having a per cow average of 832 pounds butterfat.

Larry Specht, Penn State Dairy Specialist, spoke on D.H.I.A. records and the genetic improvement of herds. He spoke of the importance of identifying cows so sires could be credited with records. Jim Garrity, of the PA State D.H.I.A., talked about the planned organization and centralization of D.H.I.A. Each local association will have until 1992 to make its decision.

Jim Clark, Penn State Extension Agent, spoke of planned dairy meetings in the area which will include dairy day, nutrition school and D.H.I.A. records workshops.

Gene Thompson and Gary Hamilton, Ulysses, were both re-elected as directors. Approximately 50 persons attended the annual meeting.



Jeff Brown, Northeastern Farm Credit, presented a plaque for most improved herd in Potter County D.H.I.A. in 1989 to Duane Adams, Genesee, at the annual dinner meeting, December 5, at Penn York Camp.

Larry Specht, Penn State Dairy Specialist, was one of the main speakers at the Potter County DHIA annual meeting, December 5, at Penn York Camp. He is explaining some details here to Kevin Risser, Coudersport.

Jim Clark, Penn State Extension Agent, right, explains some details of D.H.I.A. records workshops to Stanley Brubaker, left, president, and Gene Thompson, center, secretary of the Potter County DHIA at their annual meeting, December 5, at Penn York Camp, Ulysses.

Jersey Marketing Service Successful

REYNOLDSBURG, OH — Jersey Marketing Service (JMS), a division of The American Jersey Cattle Club, has been successful in the 1980s bringing buyers and sellers of Jersey cattle together. JMS coordinated the sale of over $3 million worth of Jerseys during 1989, managing 25 public sales where over 2,200 head of Jerseys were sold at an average of $1,091.97. Fourteen of these sales averaged over $1,000. Over 600 head of Jerseys sold at Private Treaty for an average price of $1,145.18.

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National 4-H Honors

(Continued from Page A30)

4-H SCHOLARSHIP AWARDS

Fashion Revue — Heather D. Corson, 17, of Braddock Heights (Frederick County) was one of four 4-H members from across the nation to receive $1,000 scholarship awards for excellence in the fashion revue project. Maryland also had a national winner in this project area last year. Sponsoring organizations both years were the Viking White Sewing Machine Company and Simplicity Pattern Co., Inc.

Heather has organized her county's 4-H fashion show for the past three years. She has planned and conducted fashion workshops for other 4-H members, and she has earned considerable money from professional modeling. Inspired by her study of Italian clothing design during an International 4-H Youth Exchange program, she has begun designing her own clothes.

Gardening & Horticulture — Heidi L. Glisan, 17, of New London (Frederick County) was one of five 4-H members from across the nation to receive $1,000 scholarships from the Ortho Consumer Products Division of the Chevron Chemical Company for excellence in gardening and horticulture programs.

As part of her 4-H work, Heidi has made an extensive study of dahlia culture and has developed skills in floral design. She has also studied the culture of dish gardens, cactus gardens and terrariums. She has conducted horticulture workshops for other 4-H members.

Dairy — Jenell R. Rinehart, 16, of Taneytown (Carroll County) was one of six 4-H members from across the nation to receive $1,000 scholarships from Land O' Lakes, Inc., and the American Cyanamid Company for excellence in the 4-H dairy program.

As part of her project, Jenell is responsible for managing a milking herd of 85 Holstein cows. She has won both the junior and senior championships in 4-H dairy cattle judging at the Maryland State Fair, and she was a member of the Maryland team which won the national 4-H cairy cattle judging championship on Oct. 3 at Madison, Wis.

Jenell has organized food and blood drives in her school, and she has produced a "cow" puppet show to entertain senior citizens and inform younger 4-H members about the 4-H dairy project.

In addition to her dairy skills, Jenell is talented in sewing. She won grand champion honors last year in the 4-H Fashion Revue at the Maryland State Fair, and she was a blue-ribbon winner in the same event this year.

Petroleum Power — Ernest H. Beck, 17, of Jessup (Howard County) was one of six 4-H members from across the nation to receive $1,500 scholarships from the Amoco Foundation, Inc., for excellence in the 4-H petroleum power project.

As an outgrowth of his 4-H work, Ernie operates his own small engine business. He has repaired, overhauled and rebuilt riding and push-type lawn mowers, as well as weed-eaters, tillers, chain saws, go-carts and motorcycles.

Ernie was senior 4-H small engines champion at the Maryland State Fair in 1987, and he has taught the basic parts of small engines to a boy with learning disability.

Sheep — Michael T. Howell, 19, of Glenelg (Howard County) was one of four 4-H members from across the nation who received $1,000 scholarships from the American Sheep Industry Association for excellence in the 4-H sheep program.

Mike also was one of 12 outstanding young persons who received the prestigious 4-H silver tray award, given on behelf of the President of the United States. In addition to the silver tray, he received a $1,500 scholarship from the Reader's Digest Foundation.

Career — Matthew E. Iager, 18, of Fulton (Howard County) was one of six 4-H members from across the nation to receive $1,000 scholarships from the DeKalb Genetics Corporation for general excellence in 4-H club projects. A Maryland 4-H member also won this award last year.

A senior at Atholton High School in Columbia, Matt plans to attend Delaware Valley College and prepare to qualify for admittance to a school of veterinary medicine.

As part of his 4-H work, Matt assists with the family's 1,100-acre dairy, crop and turkey farm. He has helped to train the county 4-H dairy judging teams; he placed third in the national 4-H dairy cattle judging contest in 1988, and his team won the national 4-H dairy bowl contest last year.

Food & Nutrition — Rebecca A. Segal, 17, of Four Corners (Montgomery County) was one of six 4-H members from across the nation to receive $1,500 scholarships from Kraft General Foods for excellence in food and nutrition projects.

Becky was runner-up in the senior 4-H food and nutrition demonstration competition this year at the Maryland State Fair with a "calcium-connection" party cheese ring.

As part of her 4-H work, she developed a nutrition and fitness game which she used in an "Exploring 4-H" program for elementary school students. She conducted a nutrition survey at the county fair, helped edit and direct a nutrition video program, and led after-school nutrition workshops.

The national 4-H scholarship winners were selected by representatives of the Cooperative Extension Service at land-grant universities and the U.S. Department of Agriculture. Awards are arranged by the National 4-H Council.

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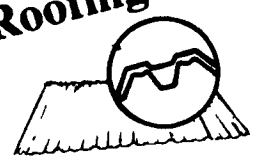

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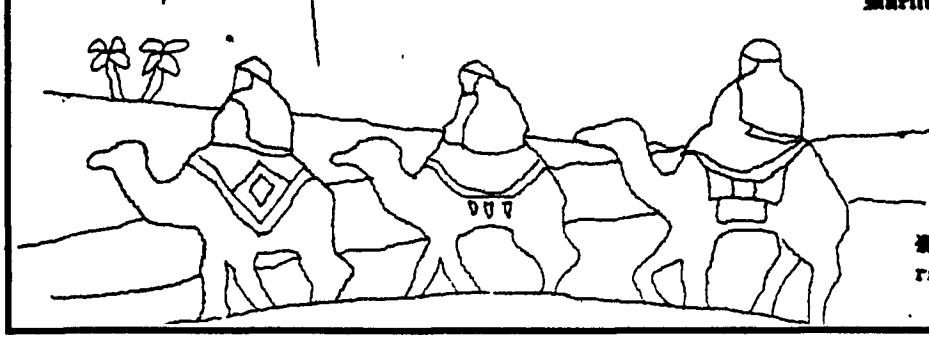

When they saw the star, they rejoiced with exceeding great joy
Matt. 2:10

Frederick Livestock Auction

Frederick, Md.
Monday, Dec. 18, 1989
Report Supplied by Auction

SLAUGHTER: LARGE RUN STEADY PRICES.

UTILITY 48.00-54.00; HIGH DRESSING TO 58.25; CANNERS 45.00-49.00; SHELLY 45.00 DOWN.

BULLS: YG#2 TO 59.25.

FED STEERS: NONE.

HEIFERS: HOLSTEINS 53.00-58.00.

VEAL CALVES: CHOICE 340 LBS. AT $100, STANDARD TO $75; CULLS 85-120 LBS. 69.00-75.00; 50-80 LBS. 60.00-70.00; WEAK/ROUGH/THIN 60.00-DOWN.

FARM CALVES, HOLSTEIN BULLS: $20-30 LOWER. #1 90-125 LBS. 120.00-140.00; #2 85-110 LBS. 90.00-120.00.

HOLSTEIN HEIFERS: 95-125 LBS. 120.00-135.00; 75-90 LBS. 85.00-120.00.

BUTCHER HOGS: $2-3 HIGHER!

US #1&2: TO $52.10; +3 215-260 LBS. 50.50-51.00, FEW 350-400 LBS. TO $45.00.

SOWS: GOOD DEMAND! 350-500 LBS. 38.00-43.00; 500-700 LBS. 37.00-39.00.

BOARS: TO 33.00.

STOCK CATTLE: STEERS: LIGHT RUN. FEW 500-700 LBS. TO 68.00.

HEIFERS: 1 320 LBS. AT 81.50; 1 700 LBS. AT 68.00; 1 HOLSTEIN 550 LBS. AT 68.00.

BULLS: NO LIGHTWEIGHTS; 2 ANGUS 900-970 LBS. 55.50-59.00. DAIRY REPLACEMENTS SPRINGING HEIFERS $785 & $910.

SHEEP: LAMBS CHOICE 126 LBS. 50.00; 115 LBS. 55.00; 85 LBS. 61.00.

PIGS AND SHOATS: 25 HD. 1 LOT 45 LBS. 28.00; 1 LOT 80 LBS. 34.00. BY THE LB.: 135-160 LBS. 36.00-41.00. STOCK BOARS 10 HD. 210-250 LBS. 37.50-39.50.

NO SALE IN FREDERICK, DEC. 25TH. SALE AS USUAL JAN. 1ST.

SALES WILL BE HELD AT WEST & HAG. ON DEC. 26 & 27.

Morrisons Cove Livestock

Martinsburg, Pa.
December 18, 1989
Report supplied by auction

CATTLE 164. STEERS: H. CHOICE & PRIME 72.50-74.00, CHOICE 68.50-71.50, GOOD 66.00-68.25, STANDARD 63.00-66.00. HEIFERS: CHOICE 68.50-71.50, GOOD 57.50-67.00. COWS: UTILITY & COMMERCIAL 55.00-57.75, CUTTERS 50.50-54.25, CANNER & LOW CUTTER 46.00-51.00. BULLOCKS: GOOD & CHOICE 64.50-67.00. BULLS: YIELD GRADE NO. 1 60.00-66.25. FEEDER CATTLE: STEERS GOOD 67.00-76.00, STANDARD 60.00-66.50; BULLS GOOD 63.00-74.00, STANDARD 58.50-63.00; HEIFERS GOOD 61.00-70.00, STANDARD 56.00-60.00.

CALVES 244. PRIME 108.00-120.00, CHOICE 94.00-102.00, GOOD 88.00-92.50, STANDARD & GOOD 72.50-84.00, 90-110 LBS. 72.00-86.50, 65-90 LBS. 64.00-73.50, HOLSTEIN BULLS 90-130 LBS. 115.00-152.50, HOLSTEIN HEIFERS 90-130 LBS. 88.00-124.00.

HOGS 117. US NO. 1-2 53.50-54.25, US NO. 1-3 50.00-53.25. SOWS: US NO. 1-3 34.00-40.50. BOARS 32.00-36.50.

FEEDER PIGS 39. US NO. 1-3 20-35 LBS. 18.50-26.50 PER HEAD, NO. 1-3 35-50 LBS. 28.00-34.00 PER HEAD.

SHEEP 50. CHOICE 60.00-64.50, GOOD 55.00-59.00, SL. EWES 18.50-26.50.

GOATS 42.00-68.00 PER HEAD.

15 LOADS OF HAY 79.00-201.00 PER TON, 2 LOADS OF STRAW 87.00-90.00 PER TON.

Jersey Shore Livestock Market, Inc.

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Jersey Shore, Pa.
Report supplied by Auction
Thursday, Dec. 21, 1989

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COMMON VEAL 40.00-69.00.

CHOICE STEERS 75.00-79.50.

SELECT STEERS 70.00-74.00.

COMMON STEERS 56.00-69.00.

COMMERCIAL COWS 52.00-59.00.

CANNERS-CUTTERS 50.00-61.50.

SHELLS 38.00-49.00.

CHOICE HEIFERS 73.00-76.00.

SELECT HEIFERS 65.00-72.00.

COMMON HEIFERS 55.00-64.00.

GOOD FEEDERS 60.00-68.00.

COMMON FEEDERS 50.00-59.00.

BULLS 47.00-69.50.

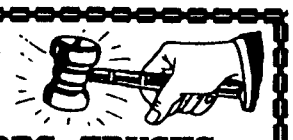
GOOD HOGS 51.00-53.85.

Indiana Livestock

Homer City, PA
December 21, 1989
Report supplied by PDA

CATTLE 113. COMPARED WITH LAST THURSDAY'S MARKET, SL. COWS $1 TO $2 HIGHER. CHOICE STEER 74.00-77.00, ONE AT 79.00, FEW SELECT 71.25-73.00, STANDARD 63.00-69.50. CH. SL. HEIFERS 73.00-75.75, SELECT 68.00-72.75, FEW HIGH YIELDING 74.50, FEW STANDARD 62.00-65.00. BREAKING UT. & COMMERCIAL SL. COWS 52.00-56.25, FEW HIGH YIELDING 57.00-60.00, ONE 62.25, CUTTER & BONING UT. 48.00-52.75, FEW HIGH DRESSING 54.75. CANNER & LOW CUTTER 41.00-48.25, SHELLS DOWN TO 33.25. FEW STANDARD BULLOCKS 62.50-67.25. ONE YIELD GRADE NO. 1 23.40 LBS. SL. BULLS 64.00, FEW YG NO. 2 1030-1180 LBS. 57.50-61.25.

PUBLIC SALE



OF TRACTORS, TRUCKS, EQUIPMENT & TOOLS

Location: Travel 6 miles on Rt. 24 from Laurel, Dela., towards Sharptown, Md., second farm on left past West Side Auto Parts.

Saturday, Dec. 30, 1989

12:00 Noon

Tractors & Combine:

Case 1070 diesel tractor w/cab air, heat, dual outlets, Case 995 diesel tractor w/hi-lo-range, Kubota L285 diesel tractor w/1099 hrs., Kubota h235 diesel tractor w/150 hrs., A.C. HD16DP bulldozer w/blade & root rake, Michigan 75A loader, AC WD45 gas tractor, J.D. 4400 gas combine w/cab, 13 ft. grainhead & 444 cornhead.

Trucks & Vehicles:

1981 9670 Inter. truck tractor, 300 Cummins motor, 10 speed road ranger, custom interior, 11:00x24.5 radials, twin screw, 1979 Fruehauf 45 ft. van tractor excellent cond., 1969 Chevrolet 80 series truck w/18' grain body, 5 speed 2 speed rear, air brakes, 478 V6 motor, 1983 Kruger 3 axle 10T. lowboy trailer, 1980 Ford 150 van, cargo door, auto., air, 1979 Ford 350 van, cargo door, auto air, 75,296 miles, 1979 Ford F150 pickup auto., 1978 Inter, crew cab utility truck w/5 speed 2 speed rear, 1976 Chevrolet pickup, auto, 350 motor, 1967 Ford ton truck w/10 ft. flatbed, 4 speed, 1966 Ford pickup w/cap, V-8 motor, 3 speed, 1965 4x4 Jeep, 4 speed, 2 axle homemade lowboy, 1980 Kenworth guider kit.

Equipment:

Case Model 70 hyd. loader, hyd loader and backhoe attachment for Kubota tractors, Woods RM59 3 p.h. mower, Case F21 44 blade transport disc, Brillion 18 ft. crowfoot packer w/transport wheels, M.F. #88 5x16 semi-mounted plow, Brillion 6 row vibra shank cultivator w/rolling fenders, J.D. 694 planter w/disc openers & fert attach, 2-8T flat bed wagons w/flotation tires, 1 w/sides, 3 p.h. 7 ft. scraper blade, 3 p.h. disc, 3 p.h. 5 ft. rotary mower, dump wagon.

Tools & Misc:

Snap-On 20 & 19 drawer roll-around tool boxes, excell. cond., Par-X9 drawer roll-around tool box, Dayton gas power post hole digger w/2 augers, Marquette #10 electric welder, Deep Rock well driller w/200 ft. of pipe & various augers, roll around shop carts, jack stands, motor stands, motor cranes, FMC wheel balancer, air bumper jacks, parts washer, several floor jacks, electric hand grinders, body shop tools, mechanic tools, pullers, several boxes of nuts & bolts, air sanders, trans. fluid, hand cleaner, air filters, automotive security light, and many items to numerous too mention.

Terms: Cash or Approved Check day of sale.

This sale was moved for the convenience of the buyers, it consists of the Thomas Estate and Doss Givens of Concord, Dela.

Sales Mgr. & Auctioneer:
Joseph C. O'Neal
302-875-5261

-Lunch-

Public Auction Register

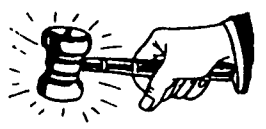
Closing Date Monday 5 00 P M of each week s publication

December

WED. DEC. 27 - 5:30PM, Antiques and Collectibles, located in Hershey off Rt. 322, turn S. on to Bullfrog Valley Rd. (at new traffic light W. of Hershey Med. Center), approx. 2 mi. to stop sign Z.A.C. on left, Ziegler Auction Co., Aucts.

SAT. DEC. 30 - 12Noon, Tractors, Trucks, Equip. & Tools, located travel 6 mi. on Rt. 24 from Laurel, DE, towards Sharptown, MD, second farm on left past West Side Auto Parts, The Thomas Estate and Doss Givens, owners, Joseph C. O'Neal, Auct.

PUBLIC SALE



OF TRACTORS, COMBINE, & FARM MACHINERY

Location: Traveling on Rt. 50 turn west on Rt. 347 toward Hebron, Md. continue through Hebron, Md. to Quantico, Md., bear right into Quantico, then turn first right on Cherry Walk Rd. 1st farm on left. (Signs Posted)

SAT., JANUARY 6, 1990

11:00 A.M.

Tractors & Combine:

Case 1070 diesel tractor w/cab, air, heater, dual outlets, 20.8x38 rubber, 2365 hrs., A.C. 175 diesel tractor, 2141 hrs., A.C. Gleaner F2 diesel combine w/cab, 15 ft. flex grain table, 1184 hrs., A.C. 438 cornhead low profile.

Trucks:

1976 Ford F700 truck 5 speed 2 speed rear w/ Meadows 16 ft. dump body w/5 ft. grain sides, 19,573 miles, 1961 Inter. 180 truck 5 speed w/15 ft. flat bed body.

Machinery:

A.C. #2500 38 blade transport disc, Case 6x16 semi-mounted plow, A.C. 4x16 #108 plow, Brady 12 shank chisel plow, Brillion 16 ft. crowsfoot packer w/transport wheels, McKee 4 row vibra shank cultivator w/rolling fenders, A.C. 4 row 3 p.h. cultivator, J.D. 1240 4 row planter w/fert. & insect attachments, A.C. #600 8 row no-till planter, Agrotec 300 gal. field sprayer w/cent. pump, J.D. 3 sec. drag, A.C. 4 sec. rotary hoe, Long 3 p.h. 7 ft. rotary mower, A.C. 3 p.h. scraper blade w/ extensions, funnel body wagon, 1000 gal. fuel tank w/electric pump, 275 gal. fuel tank on skids w/hand pump, pickup top, and miscellaneous other items.

Terms: Cash or Approved Check day of sale.

Auctioneer Note: Not many small items in this sale, so be on time. Will be selling machinery from the start.

OWNER:
EARL CHURCH

Sales Mgr. & Auctioneer:
Joseph C. O'Neal
302-875-5261

Merry Christmas

From All Of Us At Nicarry Equipment Co.

TERRIFIC SAVINGS
On All 1989 Tractors & Equipment

2.75% FINANCING OR LEASING AVAILABLE!

KUBOTA
Nothing like it on earth.

DEMO UNIT...
L2550 GST w/Loader & Backhoe.....Excellent Buy!

USED KUBOTA'S IN STOCK
(1) Snow Thrower For F2000.....Used Only Once!
(2) B8200, Hydro 4x4, w/Loader.....Ex. Cond.
(1) 2850, 4x4, w/Loader.....225 Hours
(1) B7200, Hydro 4x4, w/Mow SOLD.....Very Good Cond.
(1) R400 Articulating Loader & Backhoe.....325 Hours

Full Line of Kubota Equipment Available At:
NICARRY EQUIPMENT CO.
RD #2, Box 2008, Reading, Pa. 19605 215-926-2441
Located 4 Miles North of Reading On Rt. 61 - 3 Miles South of Leesport
Hours: Mon. thru Fri. 8 to 5; Sat. 8 to 3

Dick Enck and Penn Jersey Products
cordially invite you to join their

Holiday Waste Management Tour

Thursday, December 28
10:30 A.M.
Meeting Place: Quality Inn at the Centerville Exit
of Rt. 30, Lancaster, PA

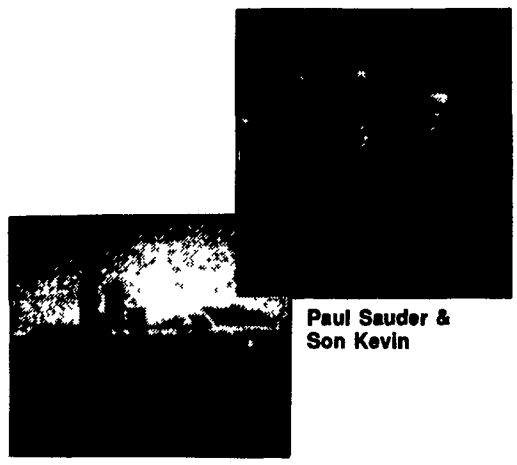
Glenn Bushong & Dick Enck

Glenn R. Bushong Family Farm, Columbia

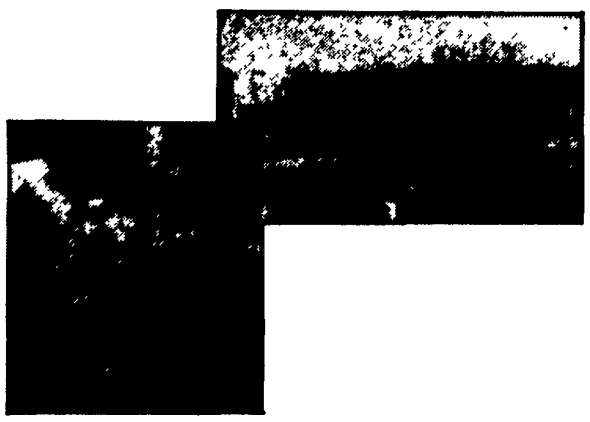
Recently constructed second Slurrystore® System to handle manure. Farm 180 acres; approximately 40 acres alfalfa. Manure applied to corn ground. 90 cows.

Erlanda Farm, Paul & Mary Sauder & Family
Lancaster

Handling manure with their Slurrystore System for 13 years, since Nov. 1976. Farm 140 acres. All manure applied to corn ground (55 acres). No purchased fertilizer used on corn ground. Milking 70 cows; approximately 18,000 lbs. milk.



Paul Sauder & Son Kevin



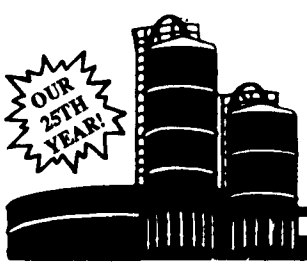
Jim Musser

Penn's Peaceful Meadow Farms
James & Susan Musser & Family, Mount Joy

6214 Slurrystore System built under Chesapeake Bay program. Farm 400 acres; 30 acres alfalfa. Alfalfa tested 25.1% protein. 52 cows, 250,000 layers. Rolling herd average 701 B.F., 18,990 milk.

Best Wishes from Everyone at Penn Jersey
for a Happy Holiday!

The results you may achieve with your Harvestore® System depend primarily upon your management skills and may vary from successful results achieved by others. Any application to a particular farming operation requires the advice of qualified experts and is subject to limitations of good management, weather and other conditions present at the individual location.



PENN JERSEY PRODUCTS, INC.
YOUR LOCAL INDEPENDENT AUTHORIZED HARVESTORE® SYSTEMS DEALER
P.O. BOX 7 • NEW HOLLAND, PA • 717-354-4051

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717-463-6940
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SERVICE IS THE KEY!

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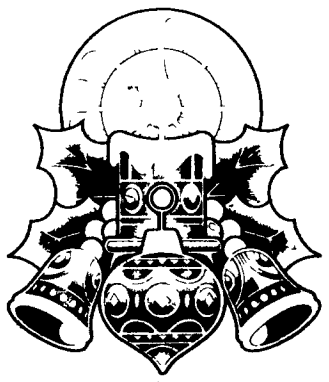
Charles Van Mater, Mgr.

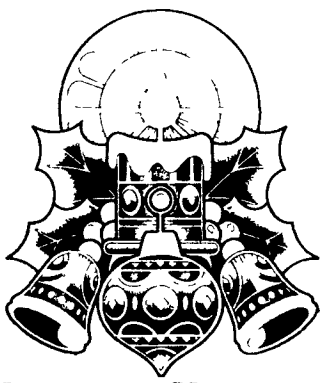
GOODYEAR

The American Farmer & Goodyear— The Partnership Continues Growing



Merry Christmas

To old friends and new go our wishes
for a season of love and faith.
A warm, wonderful thanks to all!



Get These Value-Priced Farm Tires at Your Goodyear Retailer Now.

DYNA TORQUE II
The Hard-Working, Hard-Pulling Tractor Rear

- *Excellent drawbar pull with long-bar, short-bar lugs for improved traction.*
- *Designed for improved stability and road-ability, plus reduced vibration.*
- *Strong angle-braced lugs have self-cleaning design.*
- *High-strength polyester cord body and heavy duty rim shield help protect tire from damage.*

$270 15.5x38 tube type, 6 ply No trade needed.

DYNA TORQUE RADIAL
With Revolutionary High Traction Tread Design

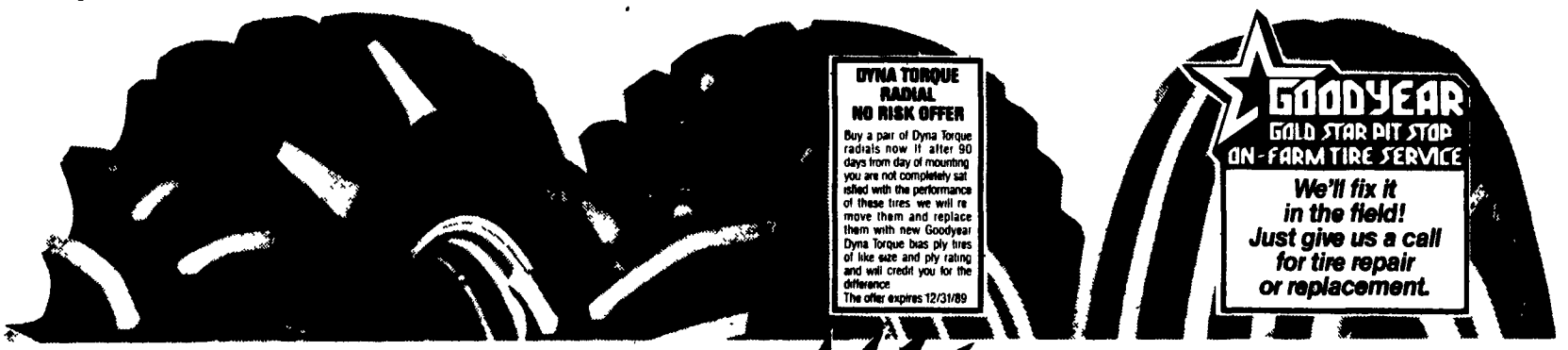
- *Revolutionary 3-lug per pitch design improves traction and ride.*
- *Computer designed "natural" shape casing improves tire body life.*
- *Radial construction provides better traction, lower fuel and overall costs.*

$499 18.4R38 Tube Type 1 Star No trade needed.

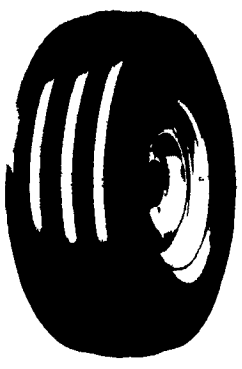
DYNA RIB
Premium Four-Rib Front Tractor Tire

- *Designed for higher horsepower 2-wheel drive tractors.*
- *Better mobility and more uniform pressure distribution than three-rib design.*
- *Bead area protected by thick rubber shield.*
- *Excellent flotation and mobility, smooth ride, uniform wear.*

$131 1100x16 Tube Type 6 Ply No trade needed.

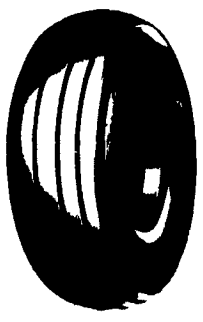

DYNA TORQUE RADIAL NO RISK OFFER
Buy a pair of Dyna Torque radials now If after 90 days from day of mounting you are not completely satisfied with the performance of these tires we will remove them and replace them with new Goodyear Dyna Torque bias ply tires of like size and ply rating and will credit you for the difference
The offer expires 12/31/89
GOODYEAR
GOLD STAR PIT STOP
ON-FARM TIRE SERVICE
We'll fix it in the field! Just give us a call for tire repair or replacement.

HOT DEAL!



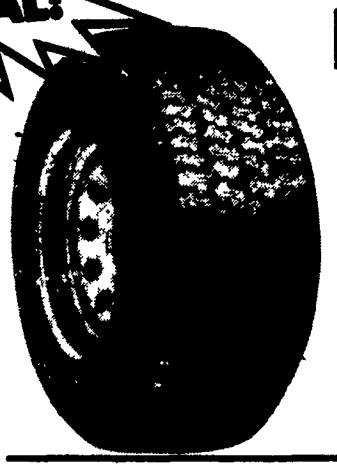
4 Rib

750-16 6 Ply TT	$65.00
95L15 6 Ply TT	$71.00
11Lx15 6 Ply TT	$85.00
11Lx15 8 Ply TT	$89.00
1000-16 6 Ply TT	$93.00
1000-16 8 Ply TT	$95.00
1100-16 6 Ply TT	$108.00
1100-16 8 Ply TT	$114.00



FARM UTILITY WAGON TIRES

95L-15 6 Ply TT	$49.00
95L-15 8 Ply TT	$51.00
95L-15 6 Ply TL	$54.00
95L-15 8 Ply TL	$56.00
11L-15 6 Ply TT	$52.00
11L-15 8 Ply TT	$49.95
11L-15 8 Ply TL	$59.00
12L-15 10 Ply TT	$73.00



SPECIAL PURCHASE

WRANGLER RADIALS P235/75R15

P Wrangler SL OBL
P Wrangler SL OWL
P Wrangler XL OBL
P Wrangler XL OWL
Wrangler AT OWL

$99.95 YOUR CHOICE

Qtys. Limited...No Rain Checks...Hurry!

BIAS PLY SPECIALS

750x16 Size

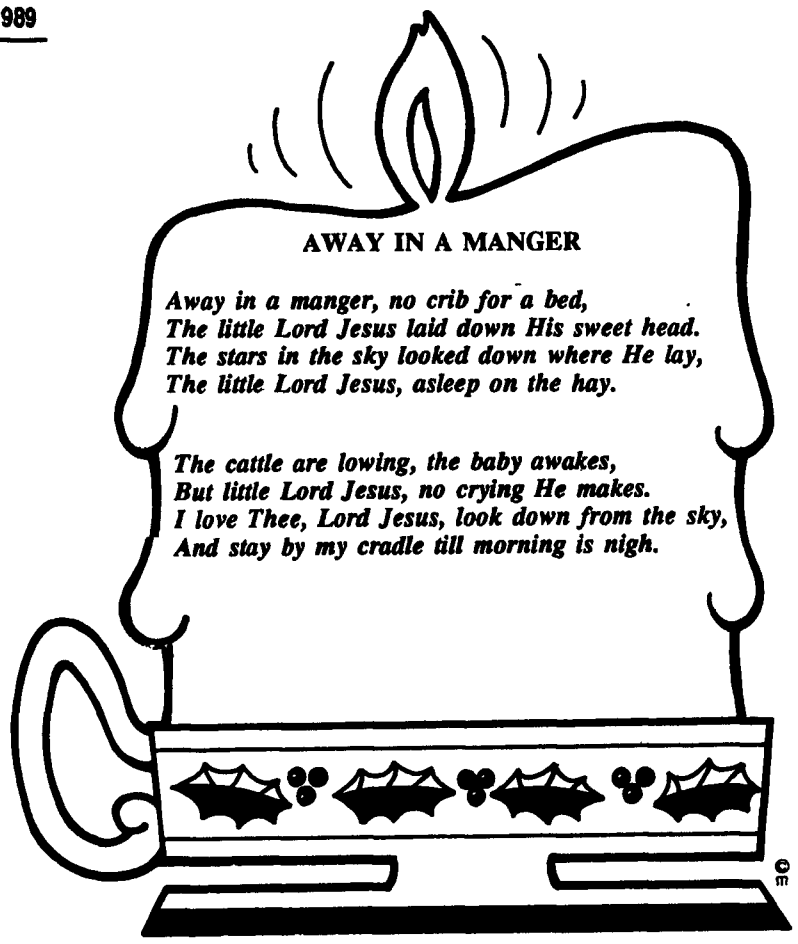
Rib HI Miler C TL	$69	Custom X Grip CTL	$79
Rib HI Miler D TL	$79	Custom X Grip DTT	$82
Tracker LT D TL	$79	Custom X Grip DTL	$86
Super H Miler D TT	$79	Custom X Grip ETL	$99
Super H Miler D TL	$84	Tracker XG DTL	$82
Super H Miler E TL	$91	Trac. Sur Grip CTL	$77
		Trac. Sur Grip DTL	$79

Qtys. Limited...No Rain Checks...Hurry!

The American Farmer & Goodyear
The Partnership Continues Growing

See Your Independent Dealer For His Price And Credit Terms. Price And Credit Terms As Shown At Goodyear Commercial Tire Centers In All Communities Served By This Newspaper.

Peoples Sales & Service Inc. Oakland Mills, PA 717-436-2735	**Caldwell's Tire Service Inc.** Rt. 213 South Chestertown, MD 301-778-5585	**Zimmerman Farm Service** School Rd Bethel, PA 717-933-4114	**Colledge Tire** 510 W State St Kennett Square, PA 215-444-5030	**Goodyear Commercial Tire Center** 165 Keystone Rd. Chester, PA 215-494-2160	**Lebanon Valley Imp. Co.** 700 E. Linden St Richland, PA 717-866-7518	**Horlacher & Sherwood** 153 E. Tioga Tunkhannock, PA 717-836-1116	**Henry Tire Service** 3108 W Mkt St York, PA 717-792-9779	**Goodyear Commercial Tire Center** I-81, Rt. 39 Harrisburg, PA 717-657-1005	**Goodyear Auto Service Center** 260 W. Hamilton Ave. State College, PA 814-238-4955
P. Lebzelter Rt. 72 & Lausch La. Lancaster, PA 717-569-3776	**Dices Tire Shop** 1421 Lincoln Way Chambersburg, PA 717-264-9312	**Sunbury Frame** 5th & Arch Sts. Sunbury, PA 717-286-4921	**Kirkwood Tires, Inc.** 1929 Kirkwood Hwy. Newark, DE 302-737-2460	GOODYEAR		**Goodyear Commercial Tire & Service Center** 2005 Delsa Drive Vineland, NJ 609/692-1100	**BHM Farm Equipment** RD 1 Rt. 934 North Annville, PA 717-867-2211	**Shueys Sales & Service** Jonestown Road Ono, PA 717-865-4915	**Umbergers of Fontana** RD #4 Lebanon, PA 717-867-5161


AWAY IN A MANGER
Away in a manger, no crib for a bed,
The little Lord Jesus laid down His sweet head.
The stars in the sky looked down where He lay,
The little Lord Jesus, asleep on the hay.
The cattle are lowing, the baby awakes,
But little Lord Jesus, no crying He makes.
I love Thee, Lord Jesus, look down from the sky,
And stay by my cradle till morning is nigh.

AWAY IN THE MANAGER

BY SHARON SCHUSTER
Maryland Correspondent

NEW WINDSOR, Md. — The beloved carol, written anonymously, evokes images of the circumstances of the birth of Christ, that today, almost two thousand years later, make Christmas on the farm very special.

"Away in a manger..." Of all the nooks and spaces in the barn, the manger seems most worthy of cradling our Lord. At feeding time, all our bovine friends routinely line the troughs, in eager anticipation of grain laced with aromatic molasses. Furry-headed beasts, sporting thick, curly winter coats, lick clean their savory grain. An extra scoop is given for good measure here and there to those deemed most in need of an extra helping. Heads bob up and down and side to side in order to reach every morsel. The countless strokes of sandpaper tongues leave the oaken trough as smooth as glass with a patina that any conoisseur of fine furniture would appreciate. The manger yields no splinters to the bare hand that runs along its richly grained lumber.

When the graining is done, the manger is then heaped full of the finest alfalfa and timothy hay from the mow. The bales nearly touch the rafters at Christmastime. The best bales are sought out on the coldest nights.

All long-lashed cow eyes are trained on the ladder which leads to the mow. They watch with expectation as each bale is tossed down to their level. Just placing the bales in the manger won't suffice. As the twine is cut, each flake of hay is fluffed and equally distributed for the clientele.

The manger of smooth oak boards and filled with fluffy grasses reminiscent of the summer past make a bed like the one our Lord slept in that starry night.

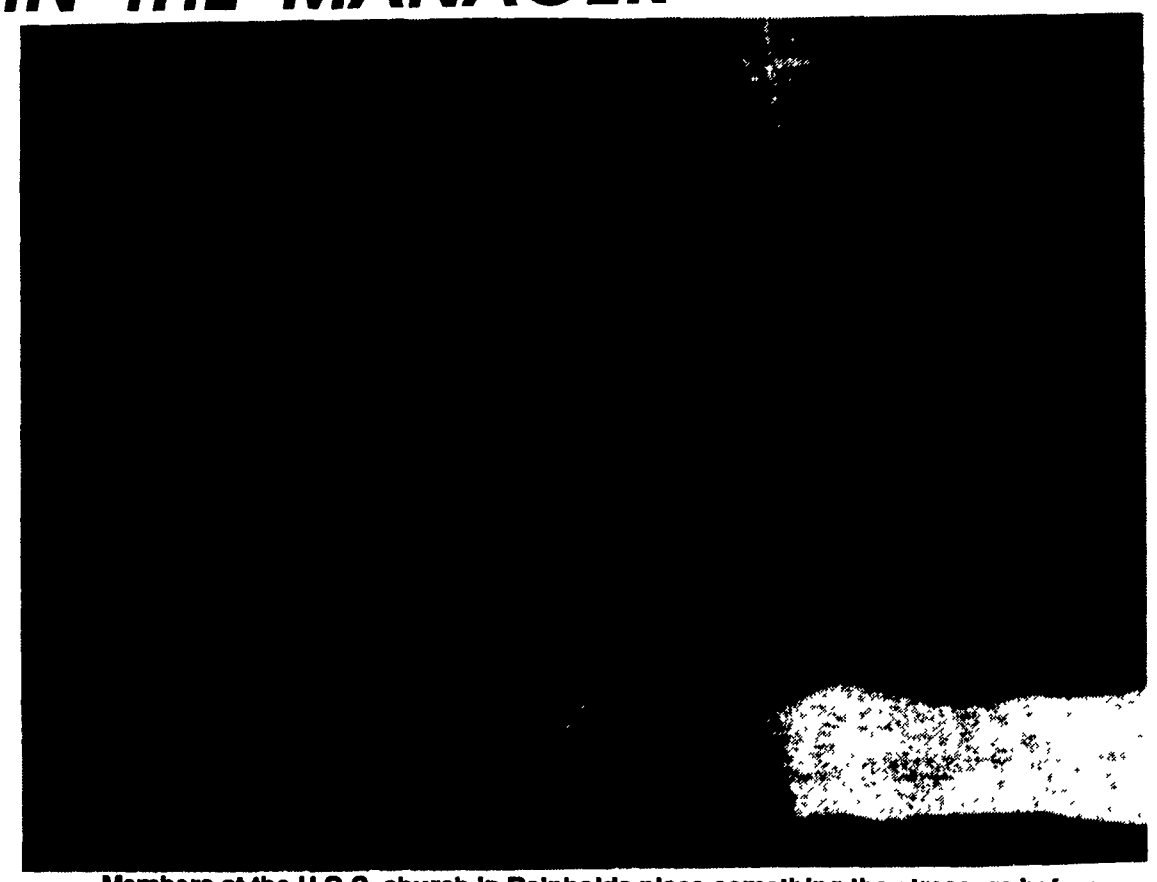
"The stars in the sky looked down where he lay..." December skies are traditionally dramatic and full of paintbrush-like strokes of firey oranges and celestial blues. Those hues give way to shortened days and the early onset of evening. The payoff comes with the twinkling of stars and a bright full moon hung low in a crisp midnight sky.

Nestled in a valley, away from the orange glow of city lights, the farm is the perfect setting for admiring the stars in the sky. The farming way of life lends itself to many opportunities to be out under the night sky. Whether it is a night trek to the barn to run water, to check on a cow about to calve, or a quick dash out to the woodpile for another log for the fire, the stars are out. They must have looked just as brilliant two thousand years ago when they beamed down on the face of the newborn King as He lay in the manger.

"The cattle are lowing, the baby awakes..." The gentle lowing of a cow with her newborn calf is a soothing sound. As she nuzzles and gently nudges her babe to nurse, the cow 'talks'.

Legend has it that animals can talk on Christmas eve at midnight. What might they say? Do they rejoice in knowing the role that their ancestors played on Christmas? Did the animals in the stable with Mary and Joseph utter words of comfort to the babe nestled in the hay in their manger?

Christmas on the farm is indeed very special. But Christmas anywhere is special to all who rejoice in the anniversary of Christ's birth. Another hymn, written one hundred years ago by Christina G. Rosetti, poses an important question:



Members at the U.C.C. church in Reinholds place something they treasure before the manager as if they were bringing it to the Christ Child. One brought a key to his home for Jesus had no place to call His own. What will you give?

This is the Schuster's barn that houses the manager referred to in the story.

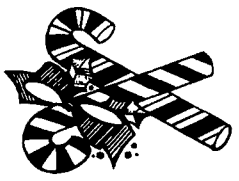
"What can I give Him, poor as I am?
If I were a shepherd, I would bring a lamb;
If I were a wise man, I would do my part;
Yet what can I give Him - Give my heart."

Often seen on the bumpers of cars is a sign of the times which should be heeded: "Wise men still seek Him."

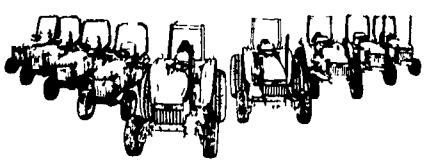
Gum Tree Club

The Gum Tree 4-H Club held their annual banquet at the Cochranville Fire House in early November. The new officers, announced at the banquet, are Karen Guerrina, president; Jen Giachinno, vice president; Adrienne Law, secretary; Kristy Addison, treasurer; Megan Markward, newspaper reporter; Megan Booker and Alyssa Baker, newletter; Jimmy Healy and T.R. Serio, historian; Jessica Moore, librarian; Jen Giachinno, Holli Kuc, and Megan Booker, county council representatives.

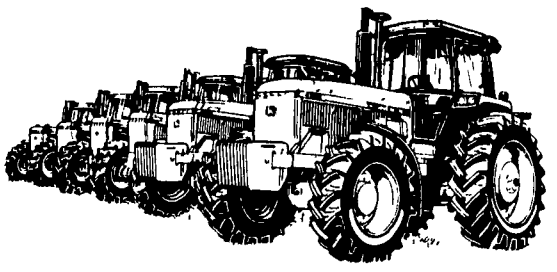
The following awards were presented to members, Holli Kuc, most courageous rider and horsemanship; Jessica Moore and Jen Giachinno, sportsmanship; Karen Guerrina, horsemanship and congeniality; Adrienne Law, most promising over fences; Anna Rose Denver and Gamble, most improved horse; Brooke Coldiron, most consistent rider; Jimmy Healy, most promising Western rider; Megan Markward, most improved rider; Alyssa Baker, most promising on flat; and T.R. Serio, most promising trail rider.



BEST WISHES



Seasons Greetings From Your John Deere Dealers



ADAMSTOWN EQUIPMENT INC.
Mohnton, PA
(near Adamstown)
215-484-4391

BARRETT EQUIPMENT
Smicksburg, PA
814-257-8881

BARTRON SUPPLY, INC.
Tunkhannock, PA
717-836-4011

CARLYLE & MARTIN, INC.
Hagerstown, MD
301-733-1673

CLUGSTON FARM EQUIPMENT
Needmore, PA
717-573-2215

CLUGSTON IMPLEMENT, INC.
Chambersburg, PA
717-263-4103

DEERFIELD AG & TURF CENTER, INC.
Watsontown, PA
717-538-3557

ENFIELD EQUIPMENT INC.
Whiteford, MD
301-452-5252

EVERGREEN TRACTOR CO., INC.
Lebanon, PA
717-272-4641

FOSTER EQUIPMENT SALES
Elmer, NJ
609-769-1535

H.R. GUTSHALL & SONS, INC.
Carlisle, PA
717-249-2313

A.B.C. GROFF, INC.
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On being a farm wife - And other hazards

Joyce Bupp

"Real Trees Make Scents."

That was the bumper sticker adorning the back of a pickup truck which passed us recently on a north Georgia interstate. The classic triangular-shape of a pine decorated the sticker, a promotion, it seemed apparent for a Christmas tree grower.

Half-listening to a TV newscast a few days ago, I heard the comment that Christmas tree growers have started ad campaigns promoting the use of real trees. The Georgia pickup's bumper sticker immediately came to mind.

While there may be something of a trend toward artificial trees, it's not likely to impact this household in the near future. Even the suggestion of artificial decorations borders on blasphemy.

That doesn't help our tree-grower friends, however, since household tradition dictates the use of one of our wild cedars. Cedars are basically "weed" trees, which spring up in untilled pasture corners and fencerows. Our self-proclaimed tree selectee, the youngest, scouts cedars all summer long for just the right one. And the wonderful fragrance of the locally-worthless cedar fills the house with an immediate aroma of the season, the moment he lugs it through the door.

Real trees do make scents.

Their lovely fragrance overrides the cedar's greatest shortcoming - sharp, jagged foliage which pokes tender fingertips, and fastens itself to any soft-textured surface with which it makes contact. Plus, our cedars usually lack a nice, full branch at some strategic spot, detracting from the full, round, Christmas-tree shape.

We label them "unique," and love 'em anyway.

Memories of our Christmas cedar linger on for months, primarily through the tiny, jagged bits which worm their way into the carpet fibers, and poke holiday reminders into the tender soles of shoeless feet.

A couple of years ago, I tossed a few pine cones into a basket, and added for color a couple of those unbreakable round ornaments of Styrofoam wrapped with shiny, red thread. It was so simple, so pretty - and so indestructible - that baskets of pine cones and red ball ornaments became another tradition.

Even the cat enjoys it. She's figured out how to bat the ornaments out of the baskets, resulting in more than one shredded, useless tangled-mess of red thread.

This year's cones were a deer-hunting souvenir - the only thing they brought home after two days in the big woods. Damp, and tightly closed when they arrived, the cones doubled in size in the warmth of the house. Each bump of the baskets results in a shower of pine seeds onto the floor, enough to cultivate a potential pine plantation. Or and added variety of seed for the birdfeeders.

Eventually the cones will become kindling for the woodstove, quick starters which add a wonderful pine fragrance. Real cones make scents, too.

All natural, but unscented, is the grapevine wreath which ornaments the front door, year 'round. Part of family tradition, the wreath is all that remains from a small planting of grapes, which died several years ago.

Each year at Christmas, sprigs of pine and clusters of red-berried multiflora rose (another fencerow weed) lend the circle of grapevines a holiday look. On a snowy, cold afternoon a few winters ago, one untraditional resident mockingbird had its own ideas about our use of natural decorations.

It ate 'em. Hearing a bumping at the door, I glanced out to see the brazen gray bird perched on the wreath, gobbling up the multiflora rose seeds.

So whether you go natural or opt for artificial, our wish is that your holidays be filled with the special traditions that make this season one of love, peace and joy. Merry Christmas!

Jefferson Community Club

Jefferson Community 4-H Club held its achievement night on November 14 at Bonanza Restaurant. The officers for 1990 are Robin Shive, president; Christy Davies, vice president; Carrie Davies, secretary; Dixie Doll, treasurer; Chad Davies, assistant treasurer; Elizabeth Kann, historian and news reporter; Rhonda Mullen, assistant historian and news reporter; Daniel Cole, Curt Davies, and Daphne Doll, song and game.

Project completion pins were given to all members who completed a 4-H project. Additional awards were given to Daphne Doll, ceramics and rookie award; Carrie Davies, clothing; Christy Davies, crocheting; Dixie Doll, dairy; Elizabeth Kann, photography; Cathy Shive, public speaking; Steve Wherley, cookie, ham and cheese, and swine; Chris Wherley, flower bulb and vegetables; Robin Shive, veterinary science; Daniel Cole, wooden basket; and Curt Davies, woodworking.

The outstanding member was Robin Shive, while Cathy Shive received the perfect attendance award.

NOEL

We gather together on this holiest of holidays to bring you tidings of comfort and joy! Thanks to all!

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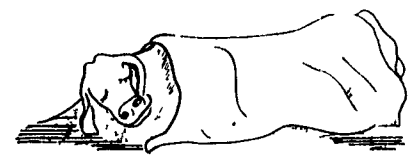

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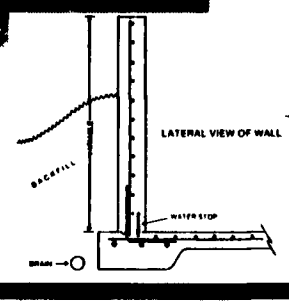

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Have You Heard?

By Doris Thomas

Lancaster Extension Home Economist

"EGGSTRA" SAFE EGGNOG

If eggnog is one of your favorite holiday beverages, you need to either update your favorite recipe or buy commercially prepared eggnog this holiday season to avoid the risk of foodborne illness. This is because we now know that eggs in uncracked shells can contain Salmonella enteritidis bacteria.

Eggs must be thoroughly cooked to kill any salmonella bacteria that may be present. You should not be serving or consuming soft cooked eggs, soft scrambled eggs, or soft sunnyside up eggs because there may still be salmonella bacteria in these products. If your eggnog recipe calls for raw eggs, it is not safe to use.

Commercially prepared eggnog contains not only pasteurized milk but also pasteurized eggs, and is safe. To make your eggnot recipe safe, cook or microwave it to 160 degrees F., or until the egg mixture thickens enough to coat the spoon. Refrigerate it at once.

Here is an updated recipe that is safe.

HOLIDAY EGGNOG

1 quart two percent milk
6 eggs
¼ teaspoon salt
½ cup sugar
1 teaspoon vanilla
1 cup whipping cream, whipped
ground nutmeg

Heat milk in a large saucepan until hot (do not scald). While milk is heating, beat together the eggs and salt in a large bowl, gradually adding the sugar. Gradually add the hot mixture to the egg mixture (do this slowly, stirring the mixture constantly so as not to cook the eggs and have lumpy eggnog). Transfer the mixture back to the large saucepan and cook over medium-low heat. Stir constantly with a whisk until the mixture thickens and just coats a spoon. Thermometer should register 160 degrees F. Stir in vanilla. Cool quickly by setting the pan in a bowl of ice water and stirring eggnog for about 10 minutes. Cover and refrigerate until thoroughly chilled (several hours or overnight). Pour into a punch bowl or pitcher. Fold in whipped cream and dust with nutmeg.

Remember to take food safety precautions this holiday season. Keep hot foods hot (above 140 degrees F.) and cold foods cold (below 40 degrees F.). Do not allow food to cool to room temperature before you refrigerate it. Don't cook your holiday turkey in an oven with temperature below 325 degrees F. It takes too long to get the bird above 140 degrees F. and it may spoil and make your family or guests ill. Always remember "when in doubt, throw it out!"

4-H Meat Science Series Introduced

CHICAGO, IL. — A new 4-H program designed to promote education and awareness of animal agriculture and meat was introduced during the 68th National 4-H Congress here today.

Developed to fit the changing profile of today's 4-H'er, the National Meat Science Series provides information and skills that can be used in daily life.

"The program not only allows the continuance of meat animal projects, but also allows 4-H'ers with no meat animal experience to learn about meat's position in the marketplace and role in a healthy diet," says Ken Johnson, vice president meat science for the National Live Stock and Meat Board, a sponsor of the project.

Six program areas cover: beef, pork and lamb carcass evaluation; retail cut evaluation; meat identification; and meat cookery and evaluation.

In the carcass evaluation portion of the series, 4-H'ers will learn the different parts of beef, pork and lamb carcasses, the important retail cuts and what characteristics are good indicators of fat, muscle and quality.

The retail cut evaluation lessons are designed to develop identification and selection skills for meat in the retail store and to prepare the 4-H'ers for participation in 4-H and FFA meat judging contests.

The meat identification lessons provided a systematic procedure for identifying meat cuts and comparing retail cuts of beef, pork and lamb. Included for use in this lesson is the "Meat Board Guide to Identifying Meat Cuts."

Principles of meat cookery, degrees of tenderness and cooking methods are covered in the meat cookery and evaluation lessons.

Each part of the series has a member's guide, a leaders guide with suggested lesson ideas and an evaluation form.

Four additional lessons will be developed to cover food safety, animal welfare, nutrient composition of meat and role of meat in the diet.

The program was developed by the Meat Board and the National 4-H Council with the assistance of American Meat Science Association Meat Extension Specialists. The materials are being distributed by the National 4-H Council.

Seasons Greetings

Front Row (l to r): DIANE TOBIN, Secretary; CATHY WHITTAKER, Agricultural Loan Coordinator; MIKE FIRESTINE, Vice President - Senior Agricultural Loan Office; PAUL BISSMAN, Agricultural Loan Officer; Back Row (l to r): ROBERT DONALDSON, Asst. Vice President, Agricultural Loan Officer; SEAN McKINNEY, Agricultural Loan Officer, In Front; MABEL the horse.

During this Joyous Season, we in the agricultural group at LVNB would like to thank you for your patronage. We are proud to be part of the local community and we look forward to serving your financial needs in 1990.

May you and your family enjoy the happiest of Holidays, and may the New Year be a prosperous one for you.

LVNB's Agricultural Group

Mike Firestine Paul Bissman Sean P McKinney

Robert Donaldson Diane Tobin Cathy Whittaker

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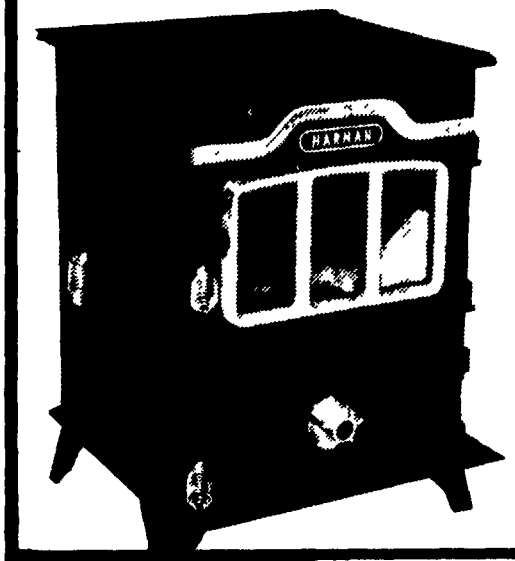

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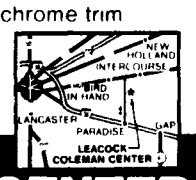

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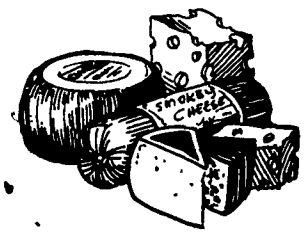
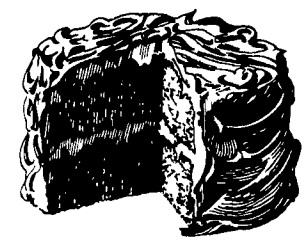
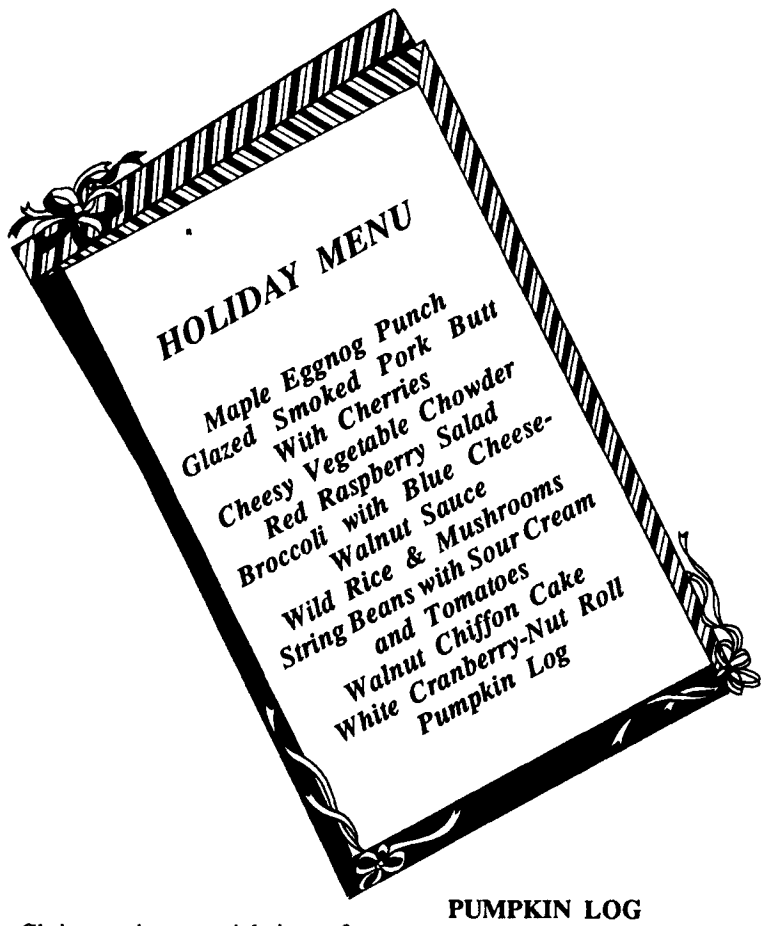


Home On The Range



Delight Guests With This Holiday Menu



For the perfect holiday centerpiece, bake a pull-apart bread wreath. Look for the recipe on this page.

Christmas is a special time of year that calls for extra-special foods. Most families have time-honored favorites that, if not set on the table, would create an uproar of protest.

If you're one of those cooks who is always looking for something new and delicious to make, yet aren't sure about adding it to the holiday menu, try telling family members that you plan to start a new Christmas tradition: there will be one "surprise" dish each year. You may be surprised and delighted at how these new foods become new favorites.

For those who like to try new things, included here is a sample menu featuring a twist on the traditional dishes. Happy cooking and happy holidays.

MAPLE EGGNOG PUNCH

3 quarts dairy eggnog
1½ cups maple-blended syrup
1½ teaspoons orange bitters
Whipped cream
Nutmeg

Blend together eggnog, syrup, and bitters in a large bowl. Pour into chilled punch bowl. Top with whipped cream and nutmeg.

PUMPKIN LOG

Mix:
3 eggs
1 cup sugar
⅔ cup pumpkin

Add:
1 teaspoon baking soda
½ teaspoon cinnamon
¾ cup flour

Grease 10x15-inch jelly roll pan. Line with wax paper. Pour mixture into pan and bake for 15 minutes at 375 degrees. Turn on towel sprinkled with powdered sugar. Peel off wax paper and roll in towel to curl. Unroll when cool and fill with cream cheese filling.

Cream Cheese Filling:
2 tablespoons soft butter
8 ounces cream cheese
¾ teaspoon vanilla
1 cup powdered sugar

Roll up and refrigerate until ready to serve.

Clair Long
York

RED RASPBERRY SALAD

1 package raspberry gelatin
1 cup boiling water
1 cup applesauce
1 package frozen red raspberries
1 cup sour cream
1 cup whipped cream

Dissolve gelatin in water; add remaining ingredients. Pour in mold and chill.

PULL APART REUNION WREATH

5¾ to 6¼ cups all-purpose flour
⅓ cup sugar
1 teaspoon salt
2 packages rapid rising yeast
1⅓ cups very warm water
½ cup butter, softened
3 eggs, room temperasture
Sesame or poppy seeds, optional
Vegetable cooking spray

In large bowl, mix 1½ cups flour, sugar, salt, and undissolved yeast.

Gradually add water and butter to dry ingredients; beat 2 minutes at medium speed of electric mixer, scraping bowl occasionally. Add 2 eggs and 1 cup flour; beat at high speed 2 minutes, scraping bowl occasionally. With spoon, stir in enough remaining flour to make stiff dough. On lightly floured surface, knead until smooth and elastic, about 5 minutes.

Divide dough into 36 equal pieces. Roll each piece to an 8-inch rope. Loosely tie knot at center of each rope. Arrange 28 knots, side by side, barely touching, in ring shape on baking sheet coated with vegetable cooking spray. Repeat with remaining rolls; cover. Place 2 large, shallow pans on counter; half fill each pan with boiling water. Place baking sheets on pans; let dough rise 20 minutes.

Lightly beat remaining egg; brush on rolls. Sprinkle with sesame or poppy seeds if desired. Bake at 400 degrees for 12 minutes or until done. Remove from baking sheets; cool on wire racks.

CHEESY BROCCOLI BISQUE

1 cup sliced leeks
1 cup sliced mushrooms
3 tablespoons butter
3 tablespoons flour
3 cups chicken broth
1 cup broccoli flowerettes
1 cup light cream
1 cup shredded Jarlsberg cheese

In large saucepan, saute leeks and mushrooms in butter until tender; do not brown. Add flour and cook, stirring, until bubbling. Remove from heat and gradually blend in chicken broth. Return to heat. Cook, stirring, until thickened and smooth. Add broccoli. Reduce heat and simmer 20 minutes or until vegetables are tender. Blend in cream and cheese. Simmer until heated through and cheese is melted. Serves 8.

WILD RICE & MUSHROOMS

1 cup canned mushrooms
½ cup butter
2 tablespoons flour
1 cup milk and mushroom liquid from can
3 cups cooked wild rice
½ teaspoon salt
Dash pepper
Buttered crumbs

Brown mushrooms in melted butter. Blend in flour, then milk to make a sauce. Add rice and seasonings

Mix and turn into greased casserole. Top with crumbs and bake in 375-degree oven until browned. Serves 6.

(Turn to Page B7)

Recipe Topics

If you have recipes for the topics listed below, please share them with us. We welcome your recipes, but ask that you include accurate measurements, a complete list of ingredients and clear instructions with each recipe you submit. Send your recipes to Lou Ann Good, Lancaster Farming, P.O. Box 609, Ephrata, PA 17522. Recipes should reach our office one week before publishing date.

Dec.
30- Submit favorite recipe that you got from Lancaster Farming

Jan.
6- Low Salt Recipes
13- Potatoes
20- Lamb

Featured Recipe

OYSTER CHOWDER

Since early times, soup has been a familiar guest at holiday tables the world over. In medieval times, holiday meals traditionally were served in three courses and each course included soup. One of the most popular varieties was a rich, thick oyster stew.

For an update on a holiday classic, try Hearty Oyster Stew, a blend of oysters, potato, carrot and parsley in a base made with condensed cream of celery soup. Pepper and onions provide the delicate seasonings in this traditional start to the holiday feast.

HEARTY OYSTER CHOWDER (NU)

8 ounces shucked oysters
milk
¼ cup butter or margarine
2 large carrots, sliced
1 large onion, chopped
1 large potato, peeled, cut into ½-inch chunks
1 can (10¾ ounces) Campbell's condensed cream of celery soup
¼ cup chopped fresh parsley
¼ teaspoon pepper

1. Drain oysters, reserving liquor. Coarsley chop oysters; set aside. In 2-cup measure, add milk to oyster liquor to make 1½ cups liquid; set aside.

2. In 3-quart saucepan over medium heat, in hot butter, cook carrots, onion and potato until vegetables are tender, stirring often. Add oysters. Cook 1 minute.

3. Stir in soup, milk mixture, parsley and pepper. Heat through until oysters are done. DO NOT BOIL. Serve with oyster crackers if desired. Makes 4½ cups or 5 servings.

Holiday Menu

(Continued from Page B6)

GLAZED SMOKED PORK BUTT WITH CHERRIES

2½ pound smoked pork butt
6 whole cloves
1 bay leaf
2 tablespoons brown sugar
1 teaspoon dry mustard
Half can sour cherries

Cover pork butt with water. Add cloves and bay leaf and simmer until tender, about 2 hours. Remove and place in shallow roasting pan. Mix sugar and mustard and sprinkle over pork. Pour cherry juice into pan. Bake in 350-degree oven, basting often with juice in pan, about 25 minutes or until well glazed. Heat cherries in roasting pan and serve with meat.

BROCCOLI WITH BLUE CHEESE-WALNUT SAUCE

2 tablespoons butter
¼ cup sliced green onions
1 (3-ounce) package cream cheese, softened
¼ cup milk
¾ cup Blue cheese, crumbled
½ cup coarsely chopped walnuts
¼ teaspoon pepper
1½ pounds fresh broccoli, trimmed OR 20 ounces frozen broccoli spears

Saute onion in butter until tender, about 3 minutes. Remove from heat. Meanwhile, beat cream cheese and milk in small bowl until light and fluffy. Add Blue cheese, nuts, pepper, and onion mixture. Beat until well combined. Set aside. Cook broccoli in 3 inches salted boiling water until tender crisp, about 5 minutes. Drain. Stir cheese mixture into cooked broccoli. Place over medium heat until heated through. Do not boil. Serve immediately. Serves 6.

STRING BEANS WITH SOUR CREAM & TOMATOES

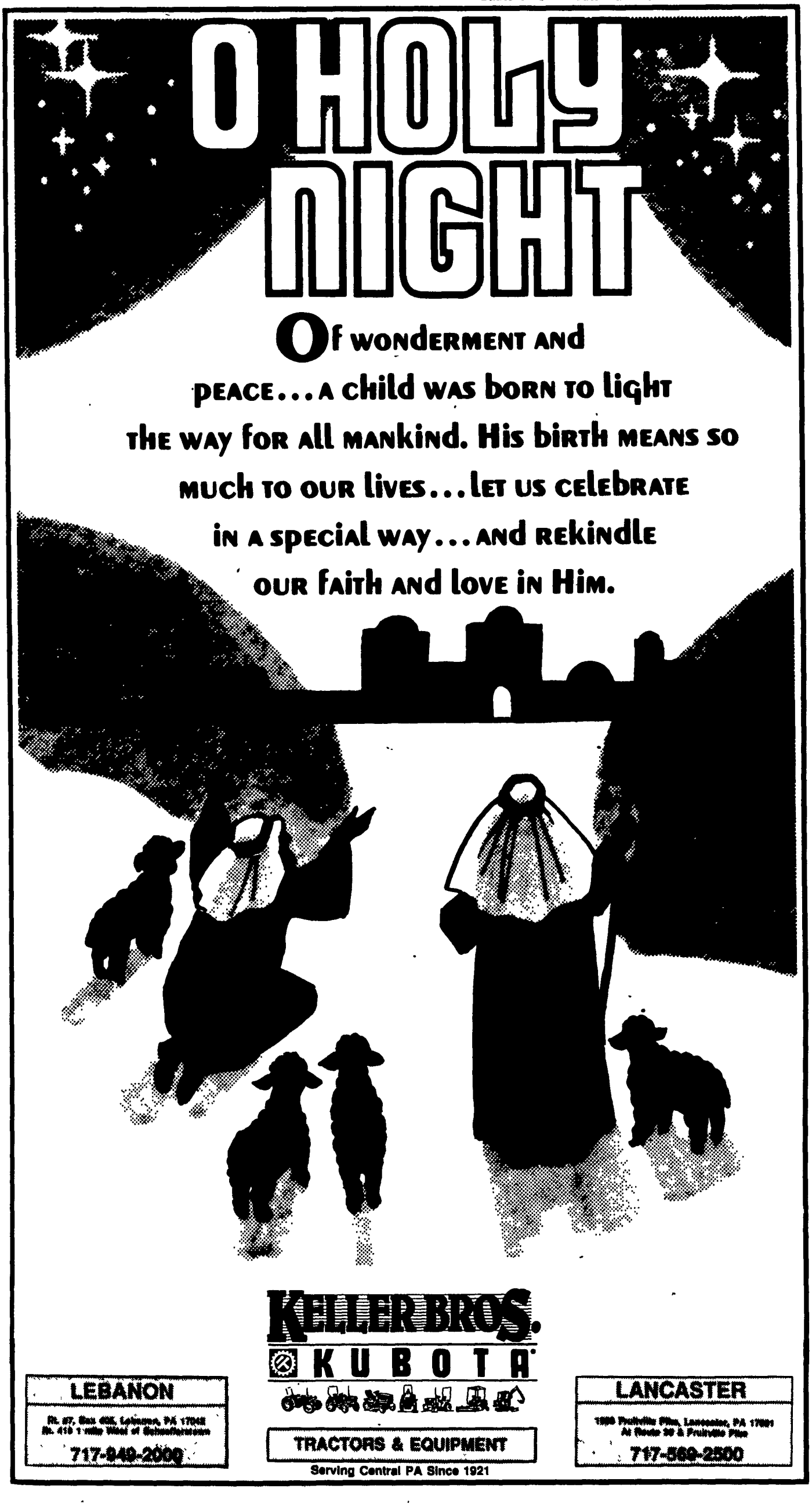
1 pound fresh string beans, ends trimmed OR 18 ounces of frozen whole green beans
¼ cup butter
2 cups thinly sliced onion
½ cup chopped green pepper
1 (15-ounce) can tomato sauce with tomato bits
1½ teaspoons dried basil
½ teaspoon salt
¼ teaspoon pepper
1 cup sour cream
1 egg

Cook green beans, covered, in boiling water until tender, about 8 minutes; drain. Meanwhile, melt butter in 10-inch skillet. Saute onions and green pepper until tender, about 8 minutes. Stir in tomato sauce and seasonings. Simmer, uncovered, until slightly thickened, about 4 minutes, stirring frequently. Combine sour cream and egg. Reduce heat of tomato mixture to low. Stir in sour cream mixture and green beans. Cook, stirring constantly, until heated through. Do not boil. Serve immediately.

CHEESY VEGETABLE CHOWDER

6 tablespoons each: butter, all-purpose flour
1 quart milk
1½ teaspoons Worcestershire sauce
1 teaspoon Dijon-style mustard
1 teaspoon salt
¼ teaspoon pepper
4 cups (16 ounces) shredded Cheddar cheese
1 (16-ounce) package broccoli, red pepper, corn combination fro-

(Turn to Page B8)


O HOLY NIGHT
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peace... a child was born to light
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much to our lives... let us celebrate
in a special way... and rekindle
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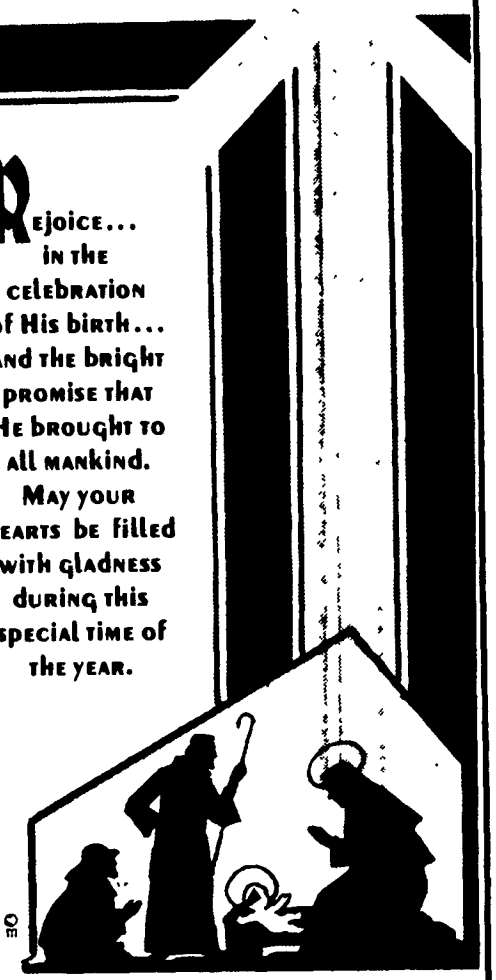

Rejoice... in the celebration of His birth... and the bright promise that He brought to all mankind. May your hearts be filled with gladness during this special time of the year.

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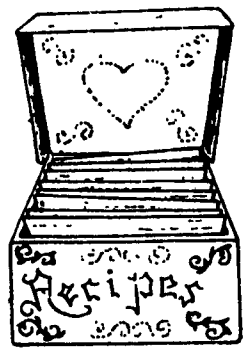

Cook's Question Corner

If you are looking for a recipe but can't seem to find it anywhere, send your recipe request to Cook's Question Corner, in care of Lancaster Farming, P.O. Box 609, Ephrata, PA 17522. There's no need to send a SASE. If we receive an answer to your question, we will publish it as soon as possible.

Answers to recipe requests should be sent to the same address.

QUESTION — Jane Raphael, Bricktown, NJ, requests a recipe for cheese babka, a yeast cake with ribbons of cheese and a few raisins. It is not sweet and is usually eaten toasted and spread with butter.

QUESTION — Lillian Edgin of Sewell, NJ, asks what can be substituted for brandy in a recipe.

QUESTION — Sherri Meily, Mt. Union, requests a recipe for making pepperoni sticks by using ground deer meat.

QUESTION — Sherri Meily, Mt. Union, requests a recipe for chocolate peanut butter pie. She said it has crumbs between the crust and the filling.

QUESTION — Linda Adam would like a recipe for making yogurt-covered pretzels and nuts like those you buy in grocery stores.

QUESTION — Dorothy McQuade, McConnellsburg, requests a recipe for a nut cake that has several kinds of nuts in it and is baked in an angel food cake pan. The cake is often used in place of fruit cake.

QUESTION — Edith Moore of Pennington, NJ, is looking for recipes for people on no-salt diets.

QUESTION — Shirley M. Schwoerer of Wysox writes that she is looking for a recipe for "turnovers". Her mother made these yeastless donuts by deep frying the dough on one side before they were "turned over" to fry on the other side.

QUESTION — Mrs. Donald Rettburg, Woodbury, would like a recipe for yams and apples that tastes like those served at a deli or restaurant.

QUESTION — Earlene Burns, Glen Rock, would like a recipe for Southern Chess pie.

QUESTION — Phyline Northeimer of Narvon requests a recipe for preserving eggs in a "water glass solution." She said that her mother kept uncooked eggs for many months in this solution.

QUESTION — Madison, NJ, resident Hazel Doherty recently visited Pennsylvania and was served a boneless rolled pork roast called porketta. She'd like to know the seasonings used on the roast.

QUESTION — Carole Frantz, Friendsville, Md., requests a recipe for stromboli and one for cinnamon rolls made from frozen bread dough that can be made ahead and frozen.

QUESTION — An anonymous reader said that she has weevils in her kitchen cabinets, flour, biscuit mix and other items. She like to know how to get rid of weevils immediately!

QUESTION — An anonymous reader requests a recipe for a light and fluffy French Toast like those made at Bob's Big Boy Restaurant.

QUESTION — Lewis Berkenstock of Emmaus asks how to make homemade scrapple.

QUESTION — Susan Shirk of Shippensburg asks for both a jello cake and a pudding cake recipe.

ANSWER — Millie of Lititz requested a recipe for Maypo® muffins. Thanks Barbara Oyer, Stroudsburg, and to Ruby Kistler of New Tripoli, for sending to the following recipe.

Maypo® Muffins

1¼ cups flour
¼ cup sugar
½ teaspoon salt
4 teaspoons baking powder
¾ cup Maypo®
1 egg
1 cup milk
3 tablespoons shortening, melted

Mix and sift flour, sugar, salt and baking powder. Add Maypo, beaten egg, milk and melted shortening. Beat well and pour into greased muffin tins. Bake 15 to 20 minutes at 400 degrees. Makes 9 large muffins.

Holiday Menu

(Continued from Page B7)

zen vegetables, thawed
1 cup chicken or beef broth
Chopped cooked bacon
Toasted croutons
Chopped parsley

Melt butter in 4-quart Dutch oven; stir in flour until smooth. Gradually stir in milk, Worcestershire sauce, mustard, salt, and pepper. Bring to boil, stirring constantly. Boil and stir 1 minute. Reduce heat to low. Sitr in cheese and vegetables. Cook until cheese is melted, stirring constantly. Do not boil. Stir in broth. Served garnished with bacon, croutons, and parsley. Yields 9 cups.

ANSWER — Estella Fink of Allentown requested a recipe for broccoli salad. Thanks Wilma Epler of Middletown, Luella Horning of Leola, and Christina Powell of Peach Bottom, for sending your recipes, which were similar. Many sent in recipes for this request. The first three that arrived are printed.

Broccoli Salad

1 head broccoli, chopped
1 medium red onion, chopped coarsely
8 to 12 slices bacon, fried and crumbled
1 package shredded sharp cheese, optional
½ cup raisins, optional

Mix:

1 cup salad dressing
½ cup sugar
2 tablespoon vinegar

Add to onion, bacon, raisins, and cheese. Add broccoli last. Mix well.

ANSWER — Pearl Keen, Glen Moore, requested a recipe for pumpkin cheese cake. Thanks to Christina Powell, Peach Bottom, for sending both a cake and a shortbread crust in which to bake it.

Pumpkin Cheesecake

2½ pounds cream cheese
1 cup granulated sugar
4 large eggs, lightly beaten
3 egg yolks, lightly beaten
3 tablespoons flour
2 teaspoons ground cinnamon
1 teaspoon ground cloves
1 teaspoon ground ginger
1 cup heavy cream
1 tablespoon vanilla extract
1 pound-can mashed pumpkin

Preheat oven to 425 degrees. In large bowl, beat together cream cheese, sugar, eggs and yolks.

Add flour, cinnamon, cloves and ginger. Beat in the cream and the vanilla, then add the mashed pumpkin and beat at medium speed on an electric mixer until just mixed thoroughly.

Pour the mixture into the prepared crust and bake for 15 minutes. Reduce the oven temperature to 275 degrees and bake for an additional hour. Turn off the heat, but leave the cake in the oven overnight to cool. Serve warm or chilled with whipped cream.

Pumpkin Cheesecake Shortbread Crust

Yields 9-inch crust.

The flavor of butter dominates; margarine is not recommended as a butter substitute. The crust can be prebaked or chilled. Pre-baking the bottom crust is recommended.

1½ cups sifted all-purpose flour
¼ to⅓ cup granulated sugar
1 large egg, separated and yolk slightly beaten
½ cup butter, softened

If you are prebaking crust, preheat oven to 400 degrees. Working on a large flat surface, place the flour and sugar in the center and mix together. Form a small depression or well in the center of the mound. Add the beaten egg yolk and butter to the well, then blend with the dry mixture. Mix the ingredients thoroughly, using your hands.

Shape dough into a ball and wrap in plastic wrap. Chill for at least 10 minutes.

Roll out dough to ¼ -inch thickness. You should have a circle of 11-inches in diameter. For best results, roll out dough between two sheets of wax paper, then peel away the paper and cut crust in a 9-inch circle. Place the circle in a 9-inch springform mold.

If you are prebaking crust, prick the crust several times. Bake for 15 to 20 minutes or until light brown. Allow to cool.

Use leftover dough to form sides. Press the dough against the sides of the form, smoothing it so as to have a continuous side. Make sure that the sides meet the bottom crust the whole way around. Brush the reserved egg white on the shell, covering bottom and sides. This seals the dough.

(Turn to Page B9)

WALNUT CHIFFON CAKE

2¼ cups sifted flour
1½ cups sugar
3 teaspoons baking powder
1 teaspoon salt
½ cup cooking oil
4 unbeaten egg yolks
¾ cup cold water
1 cup egg whites
½ teaspoon cream of tartar
½ teaspoon black walnut extract
1 cup finely chopped walnuts

Sift together into large bowl flour, sugar, baking powder, and salt. Make a well and add, in order, oil, egg yolks, water, extract. Beat until smooth. In another bowl, beat egg whites with cream of tartar until stiff. Fold into other mixture. Sprinkle with nut meats and pour into a tube pan. Bake in 325-degree oven for 50-55 minutes. Turn upside down to cool for ¾ to 1 hour. Frost when cool if desired.

Geraldine Smith
Felton

WHITE CRANBERRY-NUT ROLL

4 eggs, separated
½ cup sugar
½ cup walnuts, finely chopped
1 cup cranberries, chopped
¾ cup sifted cake flour
2 tablespoons cornstarch
1 teaspoon cinnamon
2 tablespoons butter, melted
2 (4-ounce) bars white baking chocolate
1 cup heavy cream

Preheat oven to 350 dgrees. Grease 15½ x10½ -inch jelly roll pan; line with waxed paper, grease waxed paper.

In a bowl, beat egg whites until foamy, gradually add ¼ cup sugar; beat until stiff peaks form. Set aside

In large bowl, combine egg yolks and remaining ¼ cup sugar; beat until light and fluffy, about 3 minutes. Fold in nuts, cranberries, flour, cornstarch, and cinnamon; gently fold in egg white mixture. Fold in melted butter.

Spread batter in prepared pan. Bake 20 minutes or until top springs back when lightly pressed. Loosen cake from pan; cool 10 minutes. Invert cake onto cloth towel sprinkled with confectioners' sugar. Starting from 10-inch side, roll up warm cake. Cool cake, seam side down, on wire rack.

Combine over hot water, chocolate and 2 tablespoons cream; stir. until baking bars are melted and mixture is smooth. In small mixer bowl, combine remaining cream and chocolate mixture. Refrigerate until chilled. Beat cream mixture just until soft peaks form.

Unroll cooled cake. Spread with butter cream mixture (see below). Roll up cake and spread with whipped cream mixture. Chill until ready to serve.

BUTTERCREAM FILLING

6 ounces white chocolate baking bars
¼ cup heavy cream
1 cup cold butter, cut into pieces
1 cup confectioners' sugar

Combine chocolate and cream over hot water; stir until chocolate is melted and mixture is smooth. Transfer to larger bowl and cool to room temperature. Gradually beat in cold butter and confectioners' sugar; beat until light and fluffy. Chill until ready to use.

Cook's Question

(Continued from Page B8)

ANSWER — Robert Stola, Berwick, requested a recipe for Lebanon bologna made with molasses. Thanks to Susan Shirk of Shippensburg for sending one.

Bologna

100 pounds beef
3 pounds salt
Mix. Let set one week. Grind and add:
2 tablespoons salt petre
10 tablespoons pepper
4 tablespoons cloves
2 pounds brown sugar
8 quarts molasses
Grind again and stuff in bags.

ANSWER — Carole Nace, Mifflintown, requested a recipe for mincemeat cookies. Thanks to Doris George, Kutztown, and to Susan Shirk, Shippensburg, for sending recipes.

Mincemeat Cookies

Cream together:
1 cup shortening
1 cup brown sugar
1 cup white sugar
Add and beat until fluffy:
3 eggs
Sift and measure:
3 cups flour
Add:
1 teaspoons soda
1 teaspoon cinnamon
½ teaspoon salt
½ teaspoon cloves
½ teaspoon nutmeg
Sift again. Add dry ingredients to the creamed mixture. Mix thoroughly. Add:
1 cup mincemeat
1 cup nuts
Drop by teaspoon on greased baking sheet. Bake at 350 degrees for 10 minutes or until lightly browned.

ANSWER — Glyn Geis, Frostburg, Md., requested a recipe for sweet and sour sauce similar to McDonald's sauce, which they serve with their chicken nuggets. Thanks to Nancy Nolt, Ickesburg, for sending a recipe.

Sweet & Sour Dressing

2 cups mayonnaise
2 cups sugar
½ cup catsup
2 teaspoons mustard
½ teaspoon salt
½ cup oil
1 teaspoon paprika
¼ cup vinegar
4 tablespoons water
Blend all ingredients in a blend until smooth.

ANSWER — Mrs. J. Roy Wise, requested a recipe for coconut muffins. Thanks to Mrs. Lewis Kofron of Claymont, Del., for answering.

Coconut Muffins

1 cup sugar
4 tablespoons butter
2 eggs
1 teaspoon baking powder
¼ teaspoon salt
1½ cups flour
1 cup coconut
½ teaspoon coconut extract
½ cup milk
Cream sugar, butter and eggs. Blend in other ingredients. Bake in 12 muffin cups at 350 degrees for 20 to 25 minutes.

ANSWER — Ann Miller of Fairhope requested a recipe for making a milk custard pie. Thanks to Josephene Matenus, Dallas, for sending one.

Egg Custard Pie

3 cups milk
4 eggs, beaten
2 tablespoons flour
½ cup sugar
¼ teaspoon salt
½ teaspoon nutmeg
1 unbaked pie shell
Scald milk in sauce pan. Stir a small amount of hot milk into eggs. Stir eggs into hot milk. Add dry ingredients; mix well. Prick pie shell with fork. Pour custard into shell. Bake at 325 degrees for 45 minutes to 1 hour or until knife inserted in center comes out clean. Cool. Chill until serving time.

ANSWER — Thanks to Luella Horning, Leola, and to several others for answering a Terre Hill reader's request for oven barbecued chicken.

Oven Bar-B-Q Chicken

4 frying-chicken halves
Salt and pepper to taste
Sauce:
1 cup vinegar
½ cup catsup
½ cup oil
¾ cup margarine, melted
1 tablespoon mustard
2 tablespoons brown sugar
2 tablespoons Worcestershire sauce
Season chicken and place in pan. Mix sauce ingredients and baste chicken well. Place in 350 degree oven. Baste every 15 minutes for 1½ hours or until chicken is tender. Refrigerate leftover sauce.

Pork Gains Dietitians' Approval

CHICAGO, IL — More than two-thirds of deititians recommend pork to their clients, thanks in part to the messages delivered through checkoff programs, an independent research study concludes.

The 1989 Dietitians Tracking Study, conducted by MARTELL Research, showed that dietitians' attitudes about pork continue to improve. The study consisted of phone interviews with 500 dietitians from across the U.S.

Almost 25 percent of the dietitians surveyed said their attitude about pork is more positive than just two years ago because of leaner animals and products. Today's leaner pork is the cornerstone of the Pork Industry Group's dietitian advertising and public relations campaigns.

Sixty-eight percent of dietitians are familiar with the Pork Industry Group's advertising placed in their trade journals and 95 percent find the materials they receive when they respond to the ads useful.

"We are very pleased with the results. But we certainly did not do this study to pat ourselves on the back. We did it to evaluate programs, improve existing programs and guide the development of new programs," according to Gerald Turner, a pork producer from Van Buren, Ind., and chairman of the Pork Industry Group Information Committee.

"Because of this study, we found that dietitians like receiving educational materials through direct mail offers. We put this information to work this fall when we developed a direct mail campaign that resulted in a 28 percent response rate - almost unheard of in the direct mail industry," Turner said.

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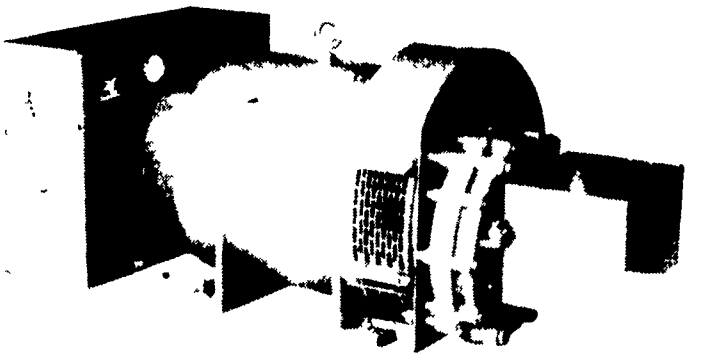

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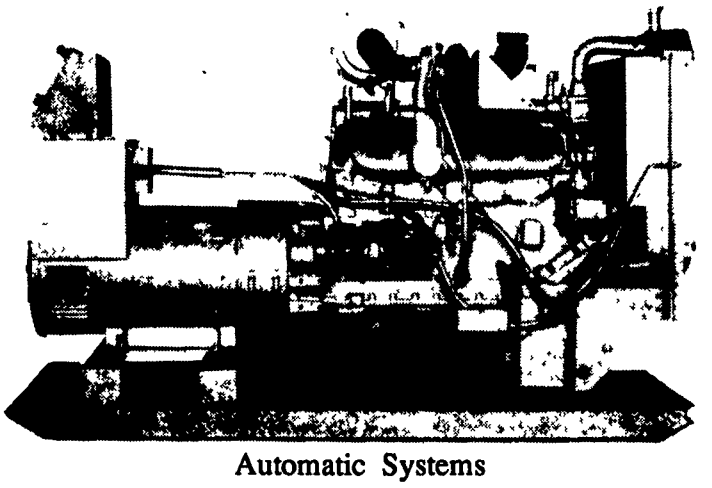

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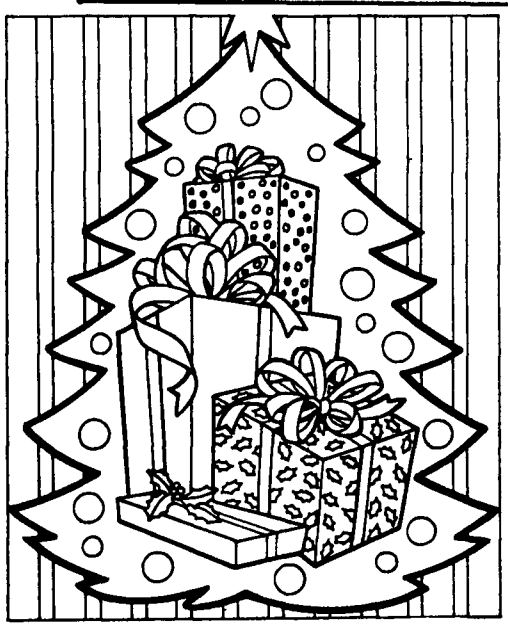

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MICROWAVE MINUTES

By JOYCE BATTCHER

Fruitcake normally takes several hours to bake, and steamed pudding needs to cook about four hours. In the microwave these holiday traditions are finished in less than 20 minutes.

Both cook on Medium Power (50 percent power, 325-350 watts) because they need slower cooking to cook evenly. In conventional cooking fruitcake is baked at a low temperature, while fig pudding is slowly steamed in a slow cooker or steamer. No-Cholesterol Fruitcake is microwaved uncovered, which is normal for micro-baking of most cakes. Holiday Fig Pudding needs a tight plastic-wrap cover — normal for micro-steaming. Both are cooked in a ring dish, which allows even cooking.

The fruitcake is attractive-looking because of the dark-colored batter and the pan preparation. A very cinnamony sugar-cinnamon mixture coats the pan and is sprinkled on the top after microwaving. The fig pudding is normally not browned-looking (after conventional steaming) but get its color from the finely chopped figs.

Hard Sauce (below) calls for no microwaving, but is essential with Holiday Fig Pudding. It also can be served with warm fruitcake as an eat-with-a-fork dessert.

No-Cholesterol Fruitcake

1 tablespoon sugar mixed with 1 teaspoon cinnamon
2 cups flour
1 teaspoon baking soda
½ teaspoon baking powder
½ teaspoon salt
1 teaspoon cinnamon
½ teaspoon nutmeg
¼ teaspoon cloves
1¼ cups unsweetened applesauce
1 cup packed brown sugar
⅓ cup vegetable oil
¾ cup raisins
⅔ cup chopped nuts
½ cup chopped dates
½ cup candied pineapple or candied fruitcake fruit
½ cup candied cherries
3 tablespoons rum, brandy or orange juice

Lightly oil a microwave-safe, 8- to 12-cup ring cake dish; sprinkle evenly with about half of sugar-cinnamon mixture; set aside. On waxed paper, stir together flour, baking soda, baking powder, salt and spices; set aside.

In mixing bowl, stir together applesauce, brown sugar and oil; stir in flour mixture until well mixed. Stir in raisins, nuts, dates and candied fruits. Pour into prepared cake dish. Set cake dish on upside-down microwave-safe saucer or microwave rack. Microwave on Medium (50 percent power, 325-350 watts) 12 minutes, rotating dish once. Microwave (High) 2 to 4 minutes or until top looks cooked. Let stand, covered, on flat surface for 10 minutes. Invert onto serving plate. Sprinkle evenly with remaining sugar-cinnamon. When cool, pour rum, brandy or orange juice evenly over cake. Wrap tightly in plastic wrap and allow to stand at room temperature for 1 day. Overwrap with heavy-duty foil and refrigerate or freeze. Makes 1 large cake — 20 thin slices.

Hint: Be sure to chop dates and candied pineapple finely. For ease, have fruits cold or slightly frozen.

(If necessary to keep fruit from sticking together, mix with a little of the 2 cups of flour called for.)

Each slice: 250 calories, 2g protein, 6g fat, 36g carbohydrate, 92mg sodium, 0 cholesterol.

Holiday Fig Pudding

About 2 teaspoons granulated sugar
1 cup boiling water
2 packages (8 ounces) dried figs (2 cups), finely chopped
1 cup granulated sugar
½ cup soft butter
3 eggs
2 cups fine dry bread crumbs
¾ teaspoon cinnamon
½ teaspoon nutmeg
½ teaspoon baking powder
Hard Sauce (below)

Butter a microwave-safe, 6- to 8-cup ring dish or deep 1½ -quart casserole with small glass set upright in center. Sprinkle lightly with about 2 teaspoons granulated sugar. Set aside.

Pour boiling water over chopped figs. Let stand about 10 minutes to soften figs. In a large mixing bowl, cream together butter and sugar; add eggs and mix until smooth. Stir in fig mixture. Stir in bread crumbs, spices and baking powder. Pour into prepared dish. Cover with plastic wrap. Microwave on Medium (50 percent power, 325-350 watts) 16 to 19 minutes, rotating dish once or twice. Pudding is done when it looks set and has just started to lose its gloss. Also, a knife inserted near center will come out clean. Let stand 10 minutes, Unmold onto microwave-safe plate and cover with plastic wrap. Let stand several hours before serving. Or cool, wrap tightly, and refrigerate. To serve: Warm pudding; flame, if desired; and serve with Hard Sauce (below). Makes 12 servings.

To warm: Cut into serving pieces. Cover plate with plastic wrap. Microwave on Medium (50 percent power, 325-350 watts) 3 to 5 minutes, rotating plate once, until warm to the touch. For one slice, allow about 30 seconds on Medium.

To flame: Heat 1 to 2 tablespoons brandy in heat-proof glass measure for 15 to 20 seconds or until hot. Working quickly, pour brandy into large ladle or spoon; ignite and spoon flaming brandy over pudding.

With food processor: Cut off woody fig stems. Place whole figs and sugar in food processor fitted with knife blade. Process with 8 to 10 long on-off pulses until figs are chopped. Place the following, in order, around knife blade: butter, water, eggs, bread crumbs, spices and baking powder. Process with on-off pulses until well mixed, stopping to scrape bowl sides as necessary.

Each serving — without Hard Sauce: 311 calories, 5g protein, 10g fat, 43g carbohydrate, 262mg sodium, 84mg cholesterol.

Hard Sauce

½ cup soft real butter
2-2½ cups powdered sugar
1-2 tablespoons brandy or cognac; or ½ -1 teaspoon brandy or rum flavoring; or vanilla, orange or lemon extract.

Process all ingredients in food processor (or beat with electric mixer) until smooth. For traditional hard sauce, chill well. Serve with warm Fig Pudding (above), plum pudding, fruitcake or gingerbread. Makes about 1 cup.

Each 1-tablespoon serving: 104 calories, 0 protein, 6g fat, 13g carbohydrate, 70mg sodium, 18mg cholesterol.

Questions for Joyce?

Do you have a question about microwave cooking? Send it to Microwave Minutes, % Extra Newspaper Features, P.O. Box 6118, Rochester, MN 55903. Please include a self-addressed, stamped, business-size envelope.

Recipes in this column are tested in 600- and 650-watt microwave ovens. With an oven of different wattage output, timings may need slight adjustment.

Joyce Battcher is an independent home economist microwave specialist. She is author of "Microwave Family Favorites" and editor of "A Batch of Ideas" newsletter.

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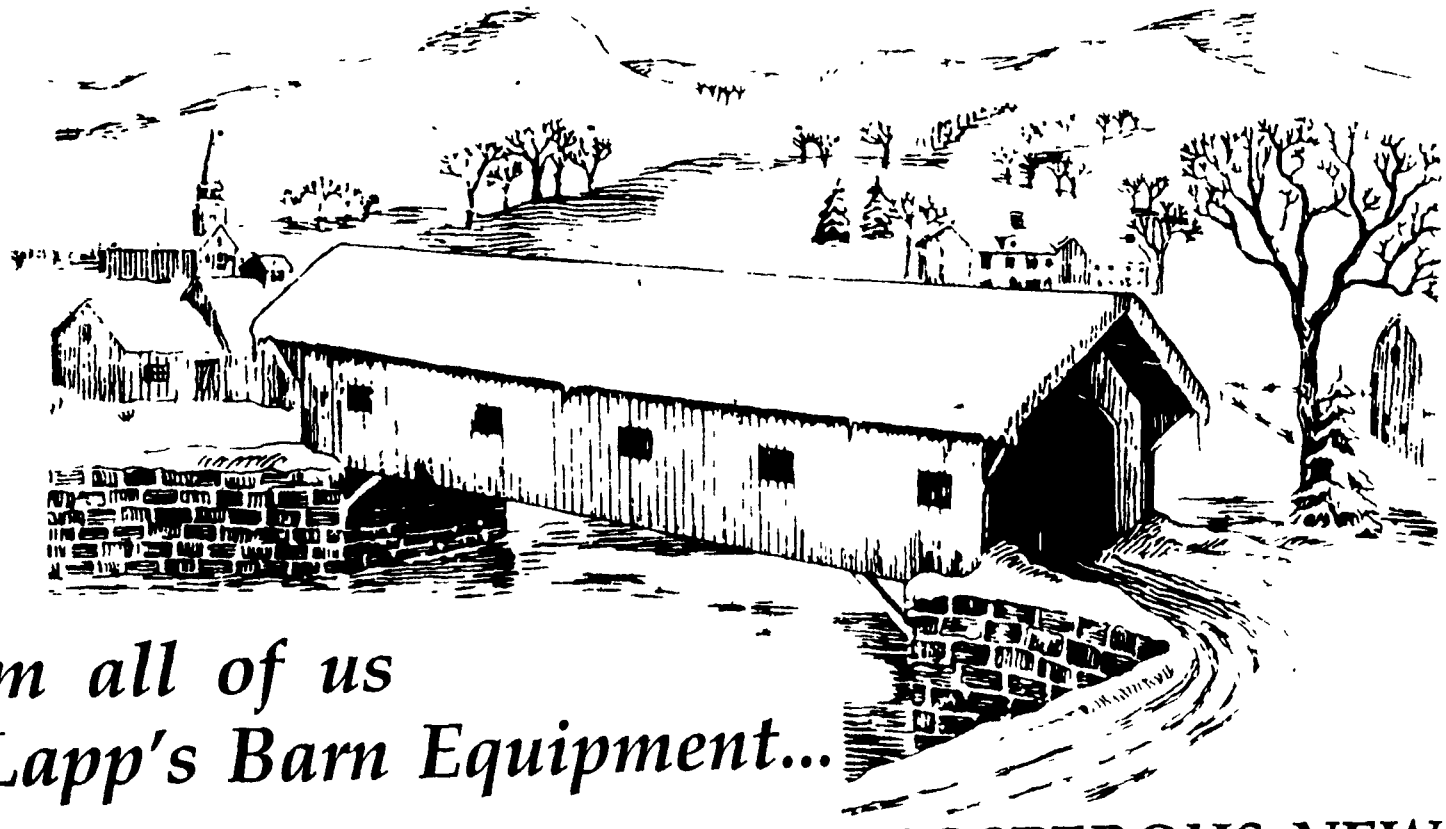

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Chester County Places First in "Take Pride In PA" Contest

WEST CHESTER (Chester Co.) — Chester County Commissioners announced that the County Parks and Recreation Department has been named a first place winner in the 1989 Take Pride in Pennsylvania Awards Program. As a first place winner, the Parks and Recreation Department will automatically be entered in the national awards program, "Take Pride in America," to compete against winners from other states.

The award was presented to the Department at a ceremony in Harrisburg, on December 6, and in turn presented to the Commissioners at their weekly public meeting on December 12.

The Take Pride in Pennsylvania Awards Program is administered by the Pennsylvania Department of Environmental Resources. The national program is sponsored by the U.S. Department of the Interior, Washington, D.C.

"Naturally, the Commissioners are pleased that a county project has been recognized to exemplify the Take Pride in Pennsylvania philosophy", said Commissioners' Chairman, D.T. Marrone. "The Take Pride in America campaign, and its state affiliated awards programs, reflects the partnership of public and private organizations which are committed to ensuring the wise use of the resources which belong to all of us".

The Department won an award in the area of Local Government for the Springton Manor Farm Project, opened in September, 1988. The eight-year project involved the acquisition and restoration of a 300-acre abandoned farm, listed on the National Register of Historic Places, and its transformation into a demonstration farm and environmental resource center. The state award specifically recognizes the Department's efforts in the areas of soil conservation, environmental protection and preservation of cultural resources.

"I am pleased at the project's emphasis on promoting agriculture in Chester County", said Commissioner Patricia M. Baldwin. "The Springton Manor Farm project not only interprets the role of farming in the county's development, but stresses its importance for the future."

This is the side-view of the barn complex on Springton Manor Farm in Chester County.

The 300-acre Springton Manor Farm property in Wallace Township, was acquired by Chester County in 1980. The entire site was placed on the National Historic Register that year. From that time through September 1988, the County embarked on a restoration plan guided by the Springton Manor Farm Master Plan, completed in 1982, and financed by over $1 million in private gifts and federal and state grants.

A conservation plan, by the U.S.D.A. Soil Conservation Service, entailing over two miles of storm water diversions, a ½ mile grass drainage swale and over three miles of tile drainage systems was completed. Erosion ditches were repaired; some fence rows and many huge boulders were removed from fields; and contour farming and strip cropping practices were instituted.

Springton's building restoration program began in early 1981. New roofs were placed on most structures through both private contract and Department staff. All buildings were stabilized to prevent further deterioration, and at present, 80% have been fully restored. The Department anticipates that over 90% of the restoration will be completed by the end of 1991.

Extensive work including pasture restoration and improvements to the barns and outbuildings to handle farm animals was completed. A new two-lane road system, replacing the old farm lane, and parking lots were constructed. Farm animals were purchased in early 1988, and an animal management program guides in the purchase, breeding and sale of farm animals.

Springton Manor Farm became part of the Wallace Township Agricultural Security Area on August 16, 1989. This was the 17th Agricultural Security Area to be adopted in Chester County as part of the county's continuing commitment toward farmland preservation. Since that time, four additional Agricultural Security Areas have been adopted, giving Chester County nearly 52,000 acres so designated.

Chester County now possesses the greatest number of Agricultural Security Areas in the Commonwealth of Pennsylvania.

The Department is continuing its restoration efforts and subject to funding, will concentrate its work on the Environmental Education Center to be placed in the 'L' wing of the Great Barn.

Lebanon County Tractor Safety Club

The Lebanon County 4-H Tractor Safety Club once again is gearing up for this year's program. Fran Bushong of Lebanon, organizational leader for the club, states that this year's program will start Tuesday, January 2, at 7:15 p.m. at the county Extension office in Room 12 of the Municipal Building. At the meeting, Extension ag engineering agent Pat Ritchie will demonstrate tractor roll-over simulation and speak to the group on the importance of farm safety. All are invited to attend. The 4-H Tractor program gives youth an opportunity to "learn by doing."

The course, which would be particularly beneficial to youth operating lawn and garden tractors as well as farm implements, will meet on consecutive Monday nights from 7:15-8:15 p.m. starting January 15, 1990. At the meeting members will learn that better, and safe, tractor care results in longer tractor life, more power, and lower operating costs. Because 4-H'ers will learn how to do many small but important tractor maintenance jobs, they will get better production from farm units and will cut down on costly breakdowns.

While learning to care for tractors, 4-H'ers should also learn how to be a safe operator. Another important goal of this program is to help form good safety habits so operators can think and act safely at all times.

Equally important with learning tractor care and safety is the 4-H goal of helping members to become a sound-thinking citizen. The training they receive will be very beneficial to them throughout their lifetime.

Anyone interested in working on a farm this summer should become a certified tractor operator. One segment of the 4-H Tractor Program, the Occupational Hazard Course, offers 13- and 14-year-olds the training required to be certified to operate farm machinery. This is the only time this course and examination will be offered.

For questions, contact Fran Bushong at 867-2071 or Ken Winebark at 274-2801, Ext. 350.

Happy Holidays to one and all.

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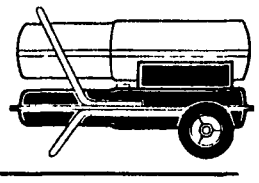

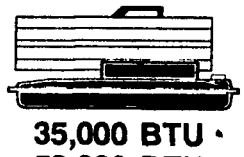

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Poinsettia Pointers

COLLEGEPARK, MD — The Christmas carol "The Holly and the Ivy" may not mention poinsettias, but for most Americans these showy plants are an essential element of yuletide decoration. And thanks to ongoing research by breeders and horticulturists, poinsettia purchasers have more varieties to choose from than ever before.

Dr. Will Healy, a horticulturist with the University of Maryland Cooperative Extension Service, is involved in evaluating some of the newest cultivars.

"For the most part, the new varieties are bigger and better than their predecessors," says Dr. Healy. "They are also stronger and last longer than the older cultivars."

Three of the cultivars currently being evaluated by Extension horticulturists at Maryland are Lilo, Celebrate and Sujibi, which were introduced by the Paul Ecke Ranch in California. Each has its own unique characteristics.

Lilo has exceptionally dark green leaves and spectacular red bracts, according to Healy. Unlike most older varieties, the Lilo poinsettia remains attractive in low light conditions and lasts longer in the home.

"It's really a very nice variety," he says.

Celebrate is characterized by huge, upward facing red bracts that stay upright even when the plant gets dry -- a plus for people who are less careful about watering their plants regularly.

Sujibi is distinguished by its growth pattern. While the growing tips of most poinsettias are pinched periodically to produce bushy plants with lots of flowers, Sujibi is allowed to grow straight up. Several plants usually are arranged together, maximizing the visual impact of their immense bracts.

Other new varieties are Noel from the Ball Seed Company and Minstrel from Mikkelson.

Supplies of the newest cultivars -- all red -- are still limited, but availability should increase over the next year or so. Pink and white versions of these cultivars will probably follow in several years and should sell well in Maryland.

"Red poinsettias are becoming less popular in the Baltimore-Washington area," Healy explains. "It's increasingly a pink and white market."

Whatever color customers favor, however, they're sure to find a poinsettia in a size-that fits their needs.

"In the past, large poinsettias dominated the market," Healy says. "Today, consumers can buy anything from pint-size pixie varieties to five-foot-tall tree poinsettias. There's something for everyone."

And that's good news for Maryland growers.

Large commercial growers tend to grow just one size of poinsettia because it gets too complicated to grow different sizes. Maryland growers with small operations are in an excellent position to supply the specialty market.

No matter what size, shape or variety of poinsettia you choose, there are some things you can do to extend its seasonal life. Healy recommends that you:

* Select a healthy looking plant with lots of leaves.

* Wrap the plant loosely with paper when transporting it to protect it from the cold, especially when the temperature drops below 30°F.

* Water it regularly. The amount of water needed will vary depending on the plant's location: It will need more water if it's in a hot area -- near a radiator, for example -- and less if it's in a cool location. After a week or so, you'll have a good idea of how much water your poinsettia needs.

Once the holiday season has passed, you can throw your poinsettia away or keep it for next year.

"I think everyone should try to get a poinsettia to reflower at least once," says Healy. "Then you can decide whether it's worth the bother to do it again."

Extend the seasonal life of your poinsettias by selecting healthy plants, protecting them from the cold and watering them regularly, advises Dr. Will Healy, a horticulturist with the University of Maryland Cooperative Extension Service.

The first step to reflowering is to keep the poinsettia in a bright location where it will continue to grow. Then in the spring, around April -- after danger of frost has passed, cut it back heavily and put it outside in a spot where it will get a mixture of sun and shade. By June you can move it to a full-sun location.

Fertilize it lightly every couple of weeks, and pinch back or trim every month or so.

Bring the poinsettia back inside by the end of September so it isn't exposed to temperatures under 40°F. See that it gets 12 hours of light and 12 hours of darkness every day for a month. Healy suggests covering the plant with an opaque plastic bag to ensure that it gets sufficient darkness.

At the end of the month, you should start seeing very small flower buds and can start increasing the amount of light to which the plant is exposed. That way, your poinsettia should be in full bloom in time for Christmas.

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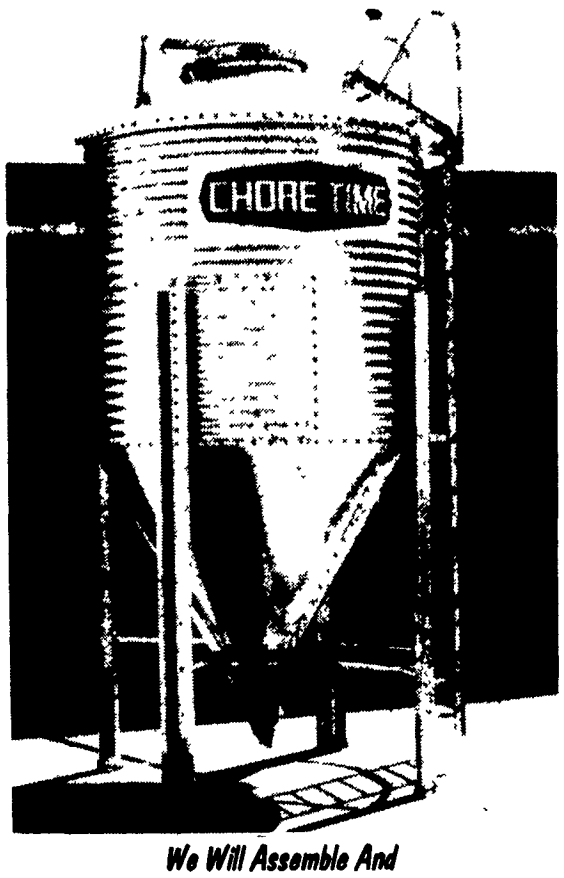

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Vacation Spot Turned Into Profitable Business For Retired Couple

BY LINDA WILLIAMS
Bedford Co. Correspondent

CLEARVILLE (Bedford Co.) — In 1956, Myrtle and Dan Haldeman began vacationing annually in the Clearville area.

"Because we lived in Washington, D.C., we were looking for a summer place that later could be used for retirement," Myrtle explained, "And a place where my husband could plant Christmas trees."

The first trees were harvested in 1969. At that time, the Haldemans were spending summer vacations and weekends at the farm that they say, "We fell in love with at first sight."

"Living conditions were primitive," Myrtle recalls. "But we didn't mind because we enjoyed the country so much."

In 1980, Myrtle and Dan began working on their modern, lodge-like home and decided to add a bed and breakfast to their Christmas tree farm business.

"We got the idea while touring Ireland," Myrtle recalls. "So far, we are doing well. We are only eight miles from Route 40-48 and that's bringing us a lot of business."

Conifer Ridge Farm has about 30 acres planted in Christmas trees. "We are constantly trying to improve our standards," Myrtle says. "That's what competition does and there is lots of that out there."

Christmas tree farming has been on the increase in Bedford County for a number of years, according to Dick Dale, Bedford County Extension Agent.

"You can usually find at least one variety that will grow on most any of the county farms," Dale continues. "Most find out rather quickly that Christmas trees are hard work. Some get weeded out when the truth is realized.

One of the biggest problems the growers have to contend with is deer," Dale says. "There is no effective way of keeping them away from the small trees. Free fencing is available to those who are already making at least a major part of their living from tree growing. For those trying to start out, it's tough."

Dan Haldeman shakes all of the dead needles off a Christmas tree before placing it for sale in the Christmas tree shop he and his wife, Myrtle, own near Clearville.

Bedford County presently has five major tree growers and 40 or more who are working at it part time. The major growers wholesale mainly to Washington D.C., Frederick, Philadelphia, and Delaware. The drought of 1988 was hard on all tree farmers and the over plentiful rains of 1989 made it difficult to get to the small trees for weeding.

"There's always problems," admits Bedford County tree grower Myrtle Haldeman of Conifer Ridge Farm near Clearville. "There are diseases, mice, deer, dry weather, wet weather, but somehow, we've managed to survive."

The Haldemans grow Scotch pine, white pine, Douglas fir, spruce, and Norwegian blue spruce trees. Their main market area is Baltimore, but they have many customers from Bedford and Cumberland.

As an addition to the tree business, Myrtle and Dan opened a Christmas shop in the barn where they display their trees. The shop features handcrafted Christmas items, many are made from pine and Myrtle creates some of them herself.

The shop also offers hot mulled cider to browsers.

Another calling card for the Haldemans' trees has been an offer to tag in October. "We advertise in the Baltimore-Frederick areas," Myrtle explains. "We encourage families to come and spend the day, bring a picnic lunch and enjoy the fall foliage while they pick out their Christmas tree. Then, we tag the trees and deliver them in December."

Dan Haldeman says they enjoy giving customers a little extra. "For instance, we have a machine to shake all of the dead needles off the trees before they are sold," he says. "Homemakers love us for that."

Myrtle recently retired from public teaching and Dan also will retire in a few months. His career has been with the U.S. Customs Department.

"When we do, we plan to spend even more time here," Myrtle says as she gazes out on the picturesque scene this Clearville varm allows.

"The people who come here for our bed and breakfast love the tranquility." She adds, "We knew they would, because we are from the city ourselves and know pretty much what they are looking for."

The cabin which housed Dan and Myrtle during the early years of their Christmas tree farming venture also is available for those families who don't mind roughing it a little. "It has electricity, but no running water," she explains. "Young families seem to enjoy it during the summer."

Looking around Conifer Ridge, one quickly gets the impression that retirement isn't goint to slow life down for the Haldemans.

Dan Haldeman runs a Christmas tree through the baler. Grown in Bedford County, the tree will be enjoyed by a family in the Baltimore area.

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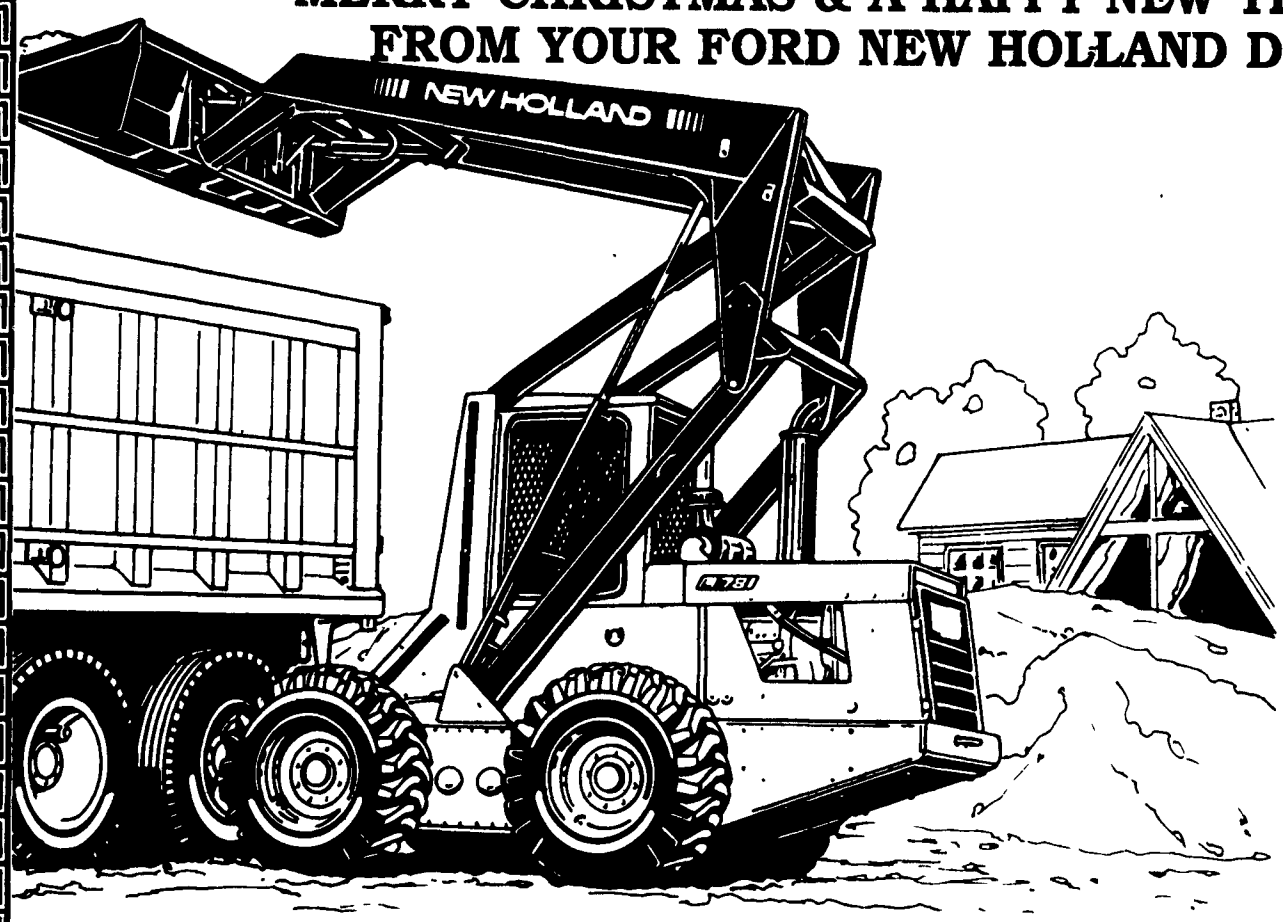

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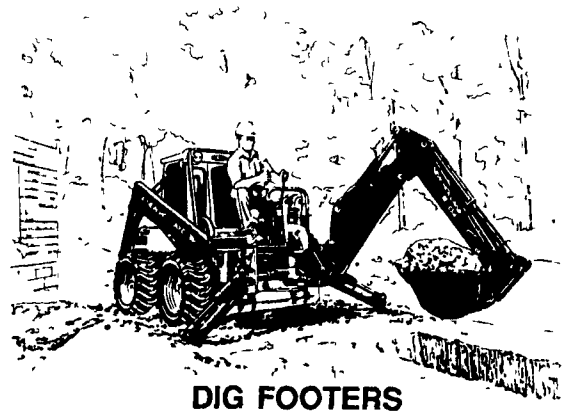

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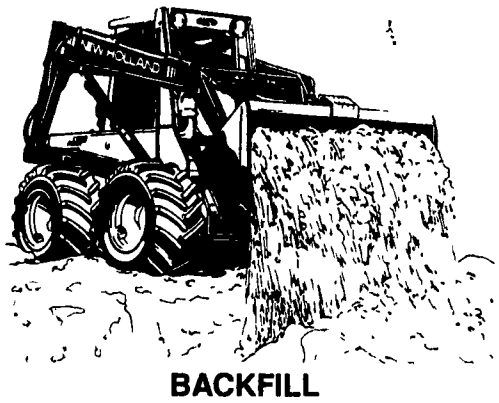

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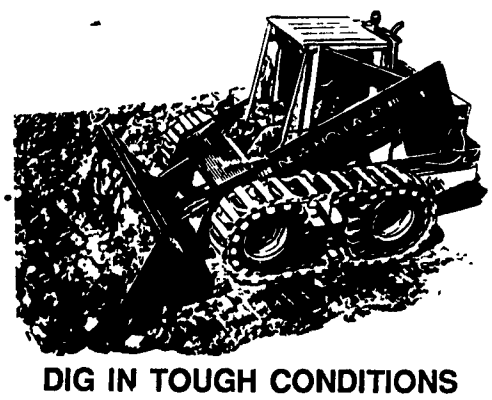

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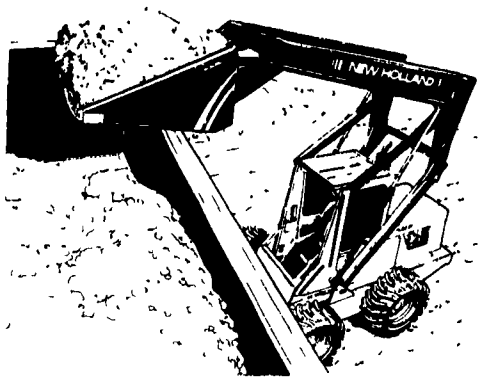

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Ida's Notebook

Ida Risser

It's almost Christmas! Whether you are ready or not it will be here in two short days.

Some people prepare by shopping all year long for gifts while others seem to enjoy that last minute rush. I am no great shopper and only go to a store if I really need something. In fact, when people tell me that they think I accomplish a lot, I feel like saying, "that is because I do not shop."

My daughter recently spent a weekend at home and took me along to Park City in Lancaster. In an hour and a half I only meandered through two stores. Even though I didn't really "need" anything, I ended up buying six items for Christmas--red candles, extra ornaments for the tree and a cat toy.

That last items brings up another topic. A year ago when my husband was away for a week at a hunting cabin, a black cat came to our farm. When I opened the door to sweep the back porch she walked into the house and acted as though she owned the place. Then last summer she raised four black kittens. Our daughter took two of them to care for in her new house and when she came home she brought them along to our house.

I like cats but I do not keep them in the house. Her two were everywhere — on the windowsills, on the tables and into every corner. They have a lot of cat toys to play with but actually seem to enjoy a simple twisted pipe cleaner the best. Anyway, I bought them another toy but I misread the price and was shocked at what I had to pay for it.

Actually her pets are well behaved, except when they dig soil from her big potted plants. When they come at Christmas, I'm sure our relatives will be delighted with them. They're not six months old but they look full grown as she takes very good care of them. They should count their blessings even as we too should at this Christmas season.

Ruth Funk Retires

WILKES-BARRE (Luzerne Co.) — In 1958, Ruth F. Funk left her job teaching home economics in the Beaver Area Senior High School to join Penn State Cooperative Extension in Beaver County as a home economist. After 31 years and several promotions later, she is retiring.

Funk presently serves as regional director for the Northeast Extension Region of Pennsylvania. She was promoted to this position in 1987 from assistant director for the Northeast Region, a position she had held since 1972. Since her original director's appointment, the Northeast Region has increased from seven to 17 counties.

"A new reorganization plan has been initiated about every five to six years during my tenure, but our mission of 'helping people to help themselves' has remained the main focus for extension's existence," says Funk. "It's the people that make the difference. The rewards for me have been watching people develop and grow in their leadership skills.

"Unlike production agriculture, development of people cannot be measured in monetary terms. I deem it a privilege to have spent the last years of my career in the Northeast Region working with the staff and clientele," she says.

Funk also has worked closely with the Pennsylvania Assocation of Extension Home Economists and Penn State administrators in establishing the Pennsylvania Extension Paraprofessional Association. This position is indicative of her key role in furthering the interests of nutrition educaton advisers and supervisors employed by extension in the Expanded Foods and Nutrition Education Program.

In 1976 Funk was instrumental in helping to organize the Pennsylvania Council of Cooperative Extension Associations and has served in an advisory capacity since its beginning. In addition to her supervisory duties for the Pennsylvania Farm Show Commission and Committee, she served a total of 13 years as assistant secretary and secretary.

Funk received a bachelor of science degree in vocational home economics from Indiana State University of Pennsylvania and a master of education degree in secondary education from Penn State.

For her work, Funk has received a variety of awards and recognition. In 1973, she was awarded a Farm Foundation Scholarship to attend Colorado State University for a three-week summer school where she studied supervision and administration.

She also is listed in Who's Who Among American Women and has received Distinguished Service Awards from the National Association of Extension Home Economists and Epsilon Sigma Phi, an extension honorary society. She is a member of the Pennsylvania Association of Adult Continuing Educators, Women's Alliance, American and Pennsylvania Home Economic Associations, Epsilon Sigma Phi and Delta Kappa Gamma. She is currently serving as President of the Beta Xi chapter of Delta Kappa Gamma.

Funk lives in Pennsylvania Furnace.

Make It With Milk

HARRISBURG (Dauphin Co.) — Dairy producers scored with Hershey hockey fans at a special "Make It Milk" night sponsored by the Pennsylvania Dairy Promotion Program.

Free "Make it Milk" mugs were distributed to the first 2,000 fans attending the Bears' December 6 game with the Maine Mariners. In addition, 25 lucky fans won free tickets to the game from WRKZ-Z107 FM.

But the star of the evening was Turkey Hill Dairy's 12-foot-high Holstein cow which greeted fans as they entered Hersheypark Arena.

The Pennsylvania Dairy Promotion Program was reorganized by state law in 1987 to give dairy farmers direct control of product marketing. The program is voluntarily supported by more than 4,000 dairy farmers statewide.

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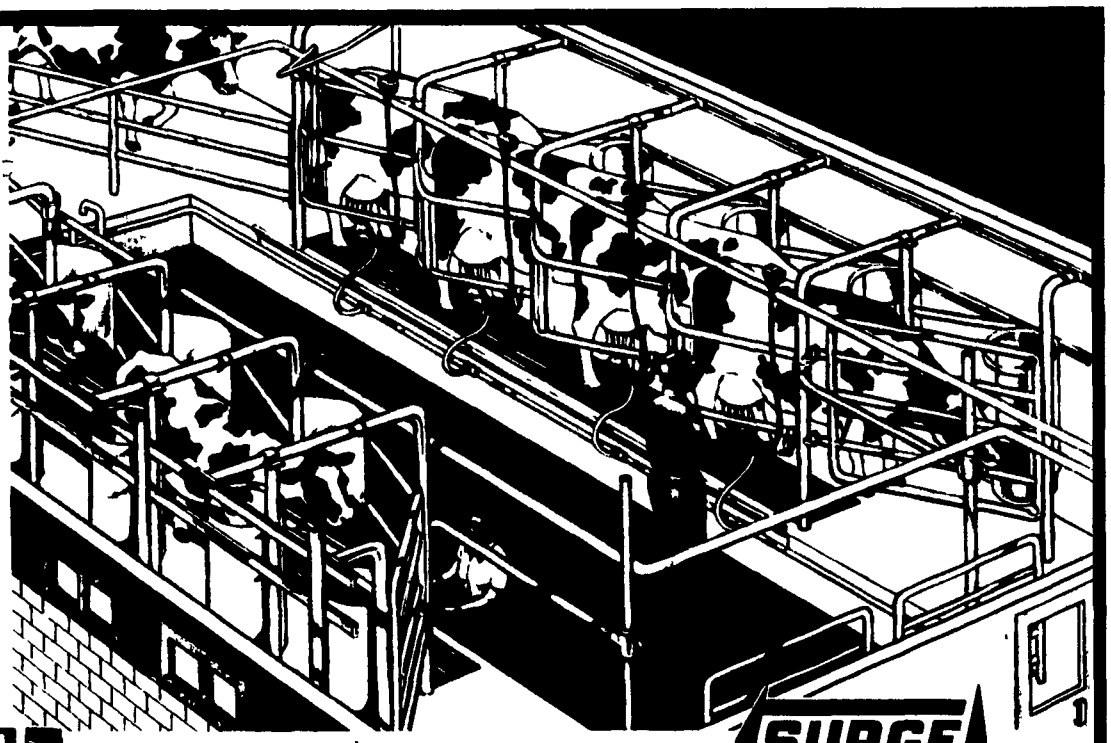

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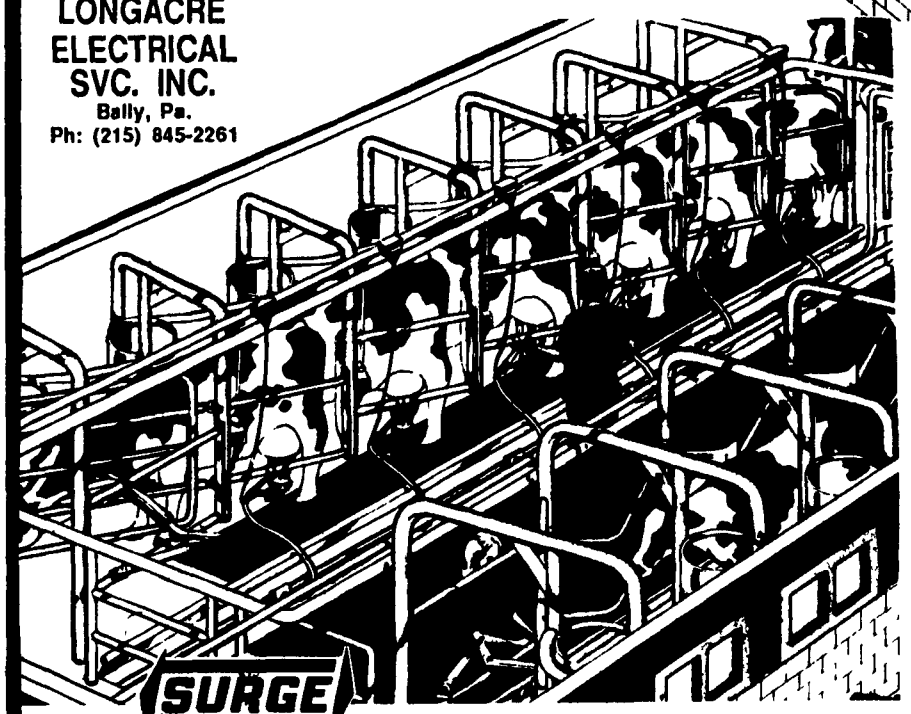

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MAMMA, Hershey To Launch Hot Chocolate Promotion

TOWSON, MD — For the second consecutive year, the Middle Atlantic Milk Marketing Association and Hershey Foods have joined forces for a promotion aimed at increasing hot chocolate sales. The 1990 effort is multi-faceted involving television and newspaper advertising, billboards, in-store signage, along with product sampling at area ski resorts.

In announcing the joint venture, MAMMA General Manager Dick Norton said, "This is a prime example of how we can best serve the needs of not only the dairy farmers who ship their milk to Hershey, but all mid-Atlantic dairy producers. By working together, we will sell more Hershey's hot chocolate milk mix and milk while reducing our advertising costs."

The exact dollar commitment to the program was not specified, but the amount is almost twice that of last year's campaign. The total cost of both partners is estimated at approximately a quarter of a million dollars.

The promotion kicks into high gear on January 15 when a 30-second television commercial goes on the air in Philadelphia, York-Harrisburg-Lancaster, Baltimore, and Washington. It features a youngster, who makes a cup of hot chocolate in a microwave. The spot is targeted at women, and will run for six weeks.

Also starting on January 15 will be a four-week showing of more than 300 billboards. They feature the Hershey mix, a carton of milk and a cup of hot chocolate. The verbage offers a satirical weather forecast for "Hot and Muggy."

The advertising will be reinforced with a full-page, full-color ad in the February 18 editions of the Philadelphia Inquirier, Harrisburg Patriot, York Dispatch, Lancaster News, Baltimore Sun, and Washington Post. The ad features a mail-back offer on a high-quality Hershey Mug. This ad will reach more than three-million households.

To further attract the consumer, free signage will be provided to 1,500 supermarkets and 1,000 convenience stores. These elements will be placed in the dairy-cases to remind the shopper to buy the products while shopping.

MAMMA has also scheduled simultaneous hot chocolate samplings at Ski Liberty in Fairfield and Ski Roundup in Lewisberry, Pa. On Sunday, January 21, and Sunday, February 4, MAMMA will give away 600 gallons of Hershey's Hot Chocolate. Up to 20,000 skiers are expected to be served at the events. Milk is being provided courtesy of Green Spring, Lenkerbrook Farms, Penn, and Turkey Hill Dairies. Dairy princesses from Pennsylvania and Maryland will also be present to hand out 5,000 plastic travel mugs which bear a promotional message for hot chocolate.

The Middle Atlantic Milk Marketing Association advertises and promotes milk and other dairy products on behalf of some 6,000 farm families in Pennsylvania, Maryland, Delaware, New Jersey, Virginia, and West Virginia. MAMMA is a regional affiliate of the United Dairy Industry Association.

Nature Craft Workshop

LANCASTER (Lancaster Co.) — Naturalist, Kathy Kinter will teach a craft workshop using naturally collected materials (teasel, milkweed pods, acorns, etc.) on Saturday, January 20, at the Shuts Environmental Center in Central Park. The program will begin at 1 p.m. Materials and equipment will be provided; however, participants may bring materials they have collected. The workshop is designed for children and adults alike; children under the age of 6 should be accompanied by an adult. Reservations are required, call 299-8215.

Farm Women Societies

Lancaster Society 25

Twenty-five members and guests of Farm Women #25 met Dec. 9 at the Wenger Chiropractic Center, 1516 Lititz Pike.

Laban Byers explained the work of the Mennonite Disaster Service. They help to repair and clean up after disasters such as Hugo and the California earthquake.

He showed film taken when he was in Vancouver B.C. at a meeting.

He and Miriam, his wife, came home by the way of California and Florida.

A donation was given to the MDS.

Emma Gass read the Christmas Story and a reading from Ideals.

Miriam Byers, out-going president, was given a gift.

The new president is Francis Greenawalt of Conestoga.

Berks Society 1

The annual Christmas Party of Berks Group 1 was held at Yeulings Family Restaurant with 24 members and their husbands and guests attending. A delicious meal of Chicken and Ham was enjoyed by all.

Following the meal, Secret Pals were revealed and Christmas gifts were exchanged.

Esther Berndt held a brief business meeting, Ruth Walters was installed as treasurer by county president Janet Schlegel.

Ruth Walters will conduct next month's meeting on January 10 at 1 p.m.

Lebanon Society 20

Farm Women Group #20 met at the home of Estella Shirk for the annual Christmas party.

During the business meeting, members decided to give $225 to local needy families.

Vera Gross, May Stamm, and Marian Maulfair will attend the state business meeting in January.

Members sang Christmas carols and revealed secret pals by exchanging Christmas gifts.

Green Valley Society 26

The Green Valley Farm Women Group #26 held their Christmas Party and meeting at the home of Carolyn Bailey on Decembekr 12.

Door prize was won by Ruth Kann. Games played were won by Athena Beshore and Shirley Miller. Sixteen members were present. Next meeting will be held at the Bonanza Restaurant at the Valley Green Mall on January 16 at 12:30 p.m. Hostess will be Shirley Miller. Topic reports on the state convention will be given.

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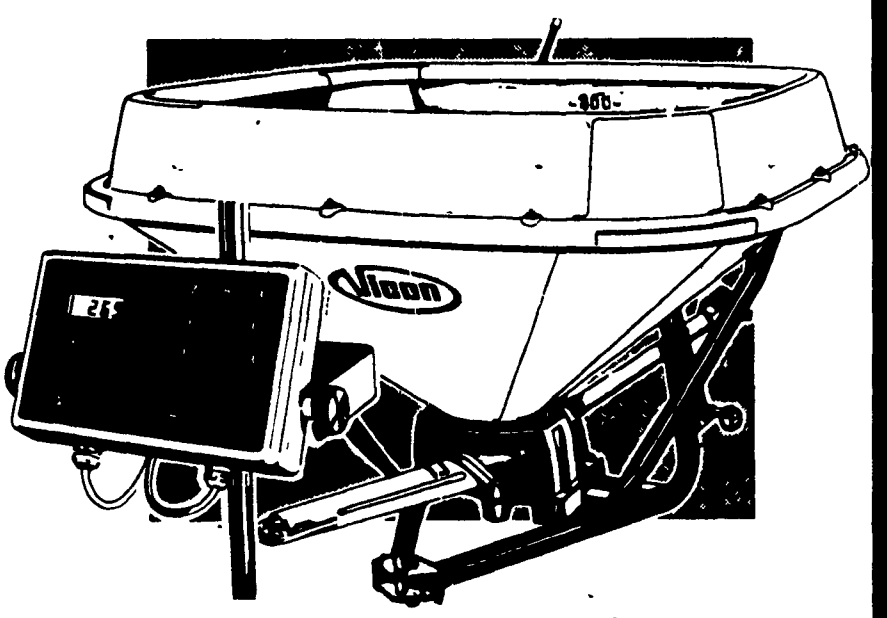

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Jane Eshelman, who heads Lancaster County Ag in the Classroom program, is more concerned about getting her Christmas shopping finished than she is about the gifts she will be receiving. She did request that her husband make a few frames for some antique pictures she owns.

She likes holiday decorations and entertaining during the holidays. She added, "I also like remembering the Lord's birthday and honoring Him."

Jane will be serving Christmas dinner to extended family members on Christmas Eve.

John Comerford, who writes the column "Beef Briefs," would like a new pickup for his Christmas present. "But I know I won't get it," he surmises. As the father of a 6- and a 10-year-old, Comerford believes that Christmas costs too much, but he loves "seeing the kids' eyes on Christmas morning."

The Comerford family is visiting relatives in South Carolina over the holidays.

Ken Kephart, "Pork Prose" columnist, wants a healthy and happy family for his Christmas present. For him, the best part about Christmas is seeing the happiness of his kids (ages 9, 6, and 5-year-old twins).

No long trips are planned for the Kepharts as extended family members will be joining the Kepharts for Christmas dinner.

Bruce Hellerick, Lancaster Extension horticultural agent, wants lots of snow for Christmas. He said, "The best thing about Christmas is getting to see family and hearing from old friends."

The Hellericks plans to visit family over the holidays.

Clair Engle isn't going to get his Christmas wish—having the whole family together. He has four sons ranging from ages 16 to 26. After raising a close family, Engle finds it a bit difficult adjusting to the "empty nest" especially at Christmas, "which has always been a time for caring, sharing and enjoying the warm fuzzies that people give you." Although two of his sons, who live in Alaska and in Montana respectively, will not be home for Christmas, Engle plans to enjoy the time with family members who are home.

Jan Carson of Pennsylvania Farmers' Association wants health, happiness, success and continual growth for her organization. She personally would like to see her 18-month-old grandson in Florida, but that isn't possible. She also has a secret wish to have enough money to enjoy a February trip to the World Leadership Program in Germany. According to Jan, "The best thing about Christmas is "certainly not the cold weather."

Like most career women, Jan finds it difficult to balance baking cookies and cooking with her fulltime job, but she does plan to serve eight guests on Christmas day.

Peggy Wolff and her husband Boyd Wolff, Pennsylvania secretary of agriculture, are estatic this Christmas. Said Mrs. Wolff, "We are going home to our farm in western Pennsylvania. It's the first time in two years that we will be home for Christmas."

The Wolffs enjoy getting together with family and friends. Mrs. Wolff said, "I like surprises, but I expect to get a nice piece of jewerly."

Outstanding 4-H'ers Honored With Dairy Awards

BY JOYCE BUPP
York Co. Correspondent

GLENVILLE (York County) — Eleven 4-H'ers were honored recently as outstanding members, during York County's annual 4-H Dairy Achievement banquet.

Each of the county's three dairy clubs recognized its outstanding members in age divisions, as the highlight of the annual awards program held December 2 at St. Jacob's Church.

Outstanding members from Central Dairy Club were Reuben and Aaron Shaffer, junior and intermediate divisions, and Jenelle Boyer, the senior winner.

Greg Gemmill was named rookie winner for the Milk and Money club, along with junior and intermediate winners Todd and Kelly Morris, and senior outstanding member Matt Reheard.

In the Southwest club, outstanding rookie member was Daphne Doll, with Dixie Doll named the junior winner. Kelly Jo Myers earned the honor in the intermediate age category, and Shannon Doll as the senior winner.

Jenelle Boyer

Recognized for their participation in state and regional dairy judging competition were senior judging team members Matt Reheard, Angie Lang, Bridgette Boyer and Annie Rauhauser. The team placed third at both the state 4-H and Delaware Valley judging contests, and sixth at the spring contest at Penn State.

York County's junior Dairy Bowl team placed third at the regional contest. Dairy Bowl team members were Daphne Doll, Dixie Doll, Danny Cole, Patrick Lucabaugh, Brad Walker and Greg Walker. County dairy winners in the National 4-H awards program were Kelly Jo Myers and Dixie Doll.

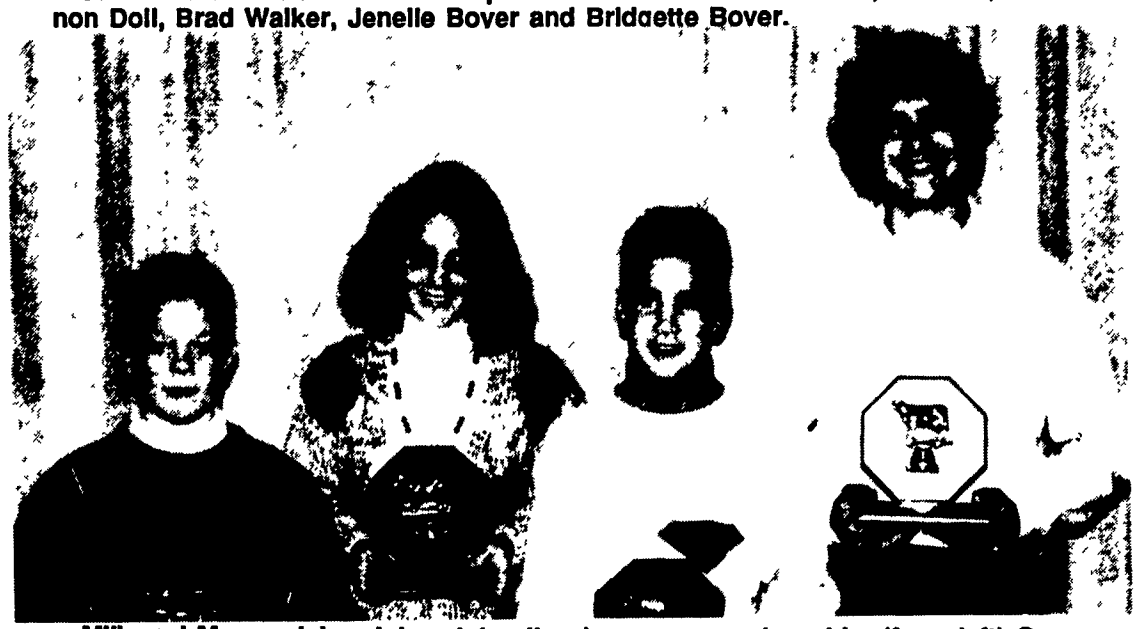
Fitting-Showmanship champions at the roundup were Todd Morris, junior division, Kelly Jo Myers, intermediate, and Bridgette Boyer, senior.

Breed champions from the annual roundup were saluted as well. Supreme and Holstein honors went to Bridgette Boyer. Jersey champion and reserve winners were Annie Rauhauser and Jasin Doll.

In the Guernsey division, Kelly Morris exhibited the champion and Jenelle Boyer, reserve. Kim McCleary took the Brown Swiss championship, over reserve winner Kelly Jo Myers. Ayrshire

(Turn to Page B20)

Junior Holstein club milk and fat production award winners were, from left, Shannon Doll, Brad Walker, Jenelle Bover and Bridgette Bover.



Milk and Money dairy club outstanding honors were shared by (from left) Greg Gemmill, Kelly Morris, Todd Morris and Matt Reheard.

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Outstanding 4-H'ers

(Continued from Page B19)

champion honors went to Shannon Doll, with Jason Stambaugh the reserve champion winner.

Awards were also presented to winners in the county junior Holsteirl milk and fat production contest.

Downa Doll won the two-year-old category for both milk and fat with Pen-Col Valiant Noreen, with a 305-day lactation record of 16,229 milk, 604 fat, and 572 protein.

First place, milk and fat, in the three-year-old category went to Jenelle Boyer with Sunnybend Jenelle Vic Kit B, 305-day, 24,144 milk, 896 fat, 805 protein. Second for fat and protein was Brad Walker, with Bupplynn Very Sweetie, 305-day, 20,281 milkl, 718 fat, 657 protein. Second in milk production was the entry of Downa Doll, Dar-Dale Joe Shelly, 21,278 milk, 623 fat, 635 protein.

Four-year-old category winner was the entry of Bridgette Boyer, Sunnybend Sexy Icicle B Star, 305-day, 21,713 milk, 851 fat, 704 protein. Placing second with her entry was Downa Doll, on a lactation of 305-day, 16,412 milk, 701 fat, 530 protein.

Shannon Doll's Dar-Dale Al Bridget-Red placed first for milk production in the aged cow category, with a 305-day record of 22,720 milk, 793 fat, and 653 protein. Taking first in fat and protein was Sunnybend Sexy Black Star, owned by Bridgette Boyer, with 305-day, 20,631 milk, 796 fat, and 687 protein.

Named outstanding members in the Southwest dairy club were, front from left, Daphne Doll and Dixie Doll, and rear, Kelly Jo Myers and Shannon Doll.

Scientists Search For Super Raisin

Plump, juicy raisins-- perfect for holiday puddings, fruitcakes and mincemeat pies-- don't like rain. Not at harvest time.

If it rains early in the harvest, the raisins still in California vineyards can be vulnerable to rot.

Also, the wet weather interrupts the sun's drying of raisins that are spread on paper trays on the grounds of vineyards. An estimated 10 to 20 percent of the California crop was lost to rain this year.

To protect raisins, U.S. Department of Agriculture scientists are screening dozens of experimental grapes near Fresno, Calif.

Their goal is to find a grape for raisin-making that's ready to harvest at least 10 to 21 days sooner than Thompson Seedless, the mainstay of California's $600-million-a-year raisin industry. Thompsons are harvested very late in the summer.

"What we're after could be called the ultimate raisin," says David W. Ramming, horticulturist with USDA's Agricultural Research Service at Fresno.

To speed the work, Ramming and colleagues perform a surgery-like technique called embryo rescue.

So-called seedless grapes do have seeds, Ramming says, but they're immature and too small for most people to notice. Such seeds usually can't be used to grow new grape plants because they abort in the early stages of the grape's development.

To save these tiny seeds, scientists rely on embryo rescue-- giving the seeds special nutrients and other care to improve the odds of their survival.

All this adds up to the scientists being able to cross one seedless parent grape with another and produce a healthy seedling. That's a feat not normally possible in nature.

ARS researchers at Fresno were the first to use embryo rescue for this grape breeding. They have been refining this technique for the past six years.

Their work has yielded several experimental types of raisin grapes that bear fruit about 14 days sooner than Thompson Seedless. But tomorrow's super raisin must pass certain standards.

One of the toughest for the experimental vines is a "crunch test" administered by research technician Ronald E. Tarailo. He bites into a grape or crushes it in is hand, checking to see if he can feel immature seeds.

"If we've got a strong contender, I can usually tell at first bite," he says. But if he crunches down on a seed, the vine is doomed to be uprooted. (Agricultural Research Service, U.S. Department of Agriculture)

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MD Annouces Make-It-With-Wool Winners

DERWOOD, MD — Two talented young women will represent Maryland at the National Make-It-Yourself-With-Wool contest scheduled for January 13-15, 1990, in Phoenix, Arizona.

Stacy Stabler, 17, of Montgomery County, and Rebecca Horman, 22 of Frederick County, earned this honor by capturing the overall championships in the Junior (ages 14-17) and Senior (ages 18-24) Divisions, respectively, in the 1989 Maryland Make-It-Yourself-With-Wool Contest held recently at the Kenilworth Park Mall near Towson, Maryland. Miss Stabler's entry was a single-breasted black coat accented by a red and navy paisley scarf while Miss Horman created a suit of a bright plum-colored jacket and purple paisley skirt.

At the national contest, Stabler and Horman will be vying for college scholarships, fashion trips to New York City, sewing machines, and other prizes. The college scholarships are particularly enticing to Maryland's representatives as Stabler is a senior at Damascus High School looking forward to college next fall. Horman, a recent graduate of Hood College, plans to continue in graduate school with an eye towards law. Their parents are Drew and Pat Stabler, of Laytonsville, and Tom Judy Horman, of Frederick, respectively.

Should Stabler or Horman be unable to go to Phoenix, two alternates were chosen. Reserve champion in the Junior Division was Theresa Molnar, 14, of Harford County in a burgundy wool dress while her senior division counterpart was Jennifer Otto, 21, of Baltimore County in a red wool suit.

Other finalists considered for the two championships were Jennifer Brewer, 17, of Howard County, junior suits winner, and Vicki Kines, 21, of Frederick County, senior coats winner.

Although only the junior and senior winners advance to national competition, two other age division winners were chosen. Topping the preteen division (ages 13 and under), was Laura Langlotz, 13, of Baltimore County, wearing a peach wool jacket and a coordinating light blue/peach plaid skirt.

Taking the adult division rosette was Margaret Stull, of Frederick County, in a grey herringbone tweed suit. Interestingly, she was also the volunteer 4-H leader who taught tailoring techniques to Horman, senior division winner.

Reserve champion in the preteens was Mary Ann Booth, 12, of Baltimore County, in a burgundy wool jumper. Adult reserve champion was Virginia Brewer of Howard County, wearing a blue/grey plaid wool suit.

Other finalists considered for the preteen championship included Sara Scanlon, 13, of Baltimore County, skirt category winner; Amanda Molnar, 12, of Harford County, vests class winner, and Nicole Greisman, 10, of Howard County, slacks class winner. Two other finalists in the adult division were dress category winner, Vicky Lynn Embrey of Howard County, and coat category winner, Judy Westphal of Anne Arundel County.

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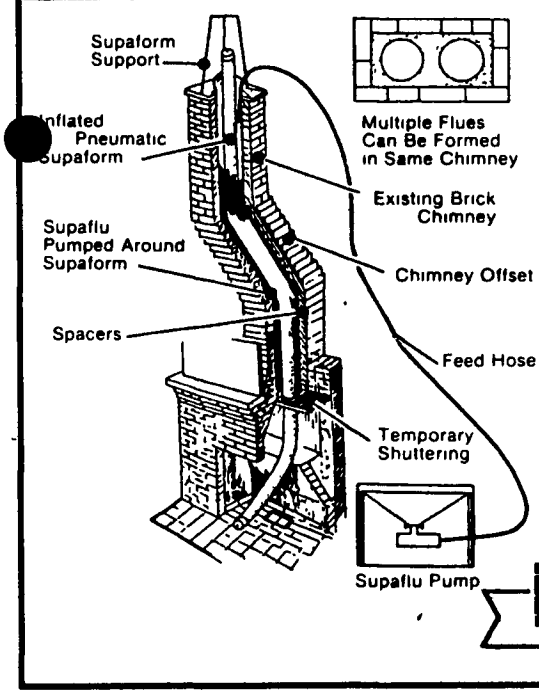

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Chester County Presents Agricultural Awards

WEST CHESTER (Chester Co.)— The Chester County Board of Commissioners and Agricultural Development Council recently presented the first Farmer of the Year Award to the Robert S. Mason family of East Nottingham Township. The award, which will be presented annually, recognizes the Mason family for outstanding farm practices and farm appearance. The Masons farm more than 400 acres and milk 150 Holstein cows. Mason also recently spearheaded a highly successful effort to form an agricultural security area in East Nottingham Township.

Also presented was the first Distinguished Agricultural Service Award. The recipient was Charles T. Wollaston of New Garden Township. This award, also to be awarded annually, recognizes the individual who has made significant contributions to and provided exceptional services for the Chester County agricultural community.

Wollaston has a long record of exemplary service including 30 years of Agricultural Extension Service membership, 20 years of service to the Pennsylvania Farmers Association and over 30 years of voluntary leadership in the 4-H Club program working with young people to encourage careers in agriculture. Wollaston also has been a member of London Grove Grange #63 for 48 years.

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Mitzel Reappointed To Beef Board

ROME, NY — Ralph Mitzel, a Lancaster, New York dairy farmer, has been reappointed by Secretary of Agriculture Clayton Yeutter to a three-year term on The Cattlenmen's Beef Promotion and Research Board.

Twenty-nine producers were reappointed and 11 new appointments were announced by Secretary Yeutter. All but one of the appointments will serve a three-year term that began December 1, 1989. The single appointment will serve a one-year term that fills a vacancy created from a resignation.

Mitzel, who also serves as a member of the 11-member New York Beef Industry Council, has held a seat on the Operating Committee of The Beef Board this past year. The Operating Committee is the major decision making body of the Beef Promotion and Research program.

The reappointed members by state are as follows: Alabama- Ronnie Holladay; Arkansas- Jim Hill; California- John Harris and Gordon Rasmussen; Iowa- John Jensen and Jim Mullins; Kansas- Virgil Huseman and Kenny Knight; Kentucky- Bob Vickery; Minnesota- Bud Wishard; Missouri- Glen Klippenstein; Montana- Ed Lord; Nebraska- Merlyn Carlson and Cal Coulter; New York- Ralph Mitzel; North Dakota- Raymond Schnell; Ohio- Fred Johnson; Oklahoma- John Kane and Walt Woolley; Oregon- Dick Cowen; South Dakota- John Glaus; Tennessee- Joe Houston; Texas- John Jones, Bob Josserand, Charles Payne and Lucille Sterling; Virginia- Roy Meek; Wisconsin- Roger Biddick; and the northwest region (Alaska, Hawaii and Washington)- Don McClure.

The newly appointed members by state are as follows: Colorado- Bert Hartman; Florida- Derrill McAteer; Georgia- Sam Payne; Idaho- Linda Naugle; Illinois- Grover Webb; Indiana- Dale Humphrey; Missouri- Scott Kennedy; Pennsylvania- Ralph McGregor; Texas- Charlie Ball (appointed to fill the vacancy) and Sergio Benavides; and the Importers- George McNeeley.

The Right To Say "No"

You, as the parent, have the right to say NO!

Several weeks ago, a mother was telling a group of parents about a recent trip through her town. She stopped at the local bank which, incidentally, is extremely civic-minded and a continual watchdog of the community. Next, she stopped at the tax collector's, another guardian of community interests. Then on to the grocer's to do a week's worth of shopping.

Every one of these community-minded institutions tried to give her child a lollipop? The mother indicated that she found it very difficult to say "NO" to each of these kind and caring people — the bank teller, the tax collector, and the grocery check-out lady.

Each of these persons meant well, but it can be questioned if they knew that they may be contributing to a rather critical problem in young children — dental caries. And I suspect none of them even had a passing idea that he or she fit into the same category of Americans who are polluting the television commercials with ads for sugar-coated this and that.

In young children, some basic attitudes about nutrition and eating and food are being formed; we parents must help our little ones in their struggle to form healthy attitudes.

That means that we must recognize our responsibility to say "NO" even though we might be looked upon as one of the community's most ungrateful and unappreciative creatures.

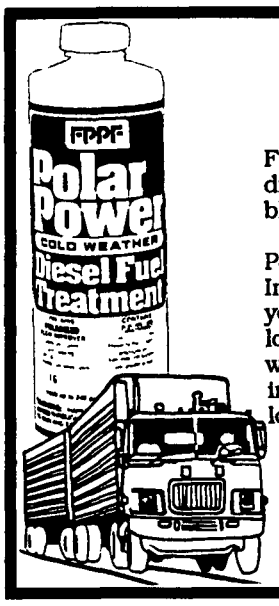
Further, we must be prepared to receive the label of "his or her kids don't have any fun." When it comes to free candy handouts, accept such a label and then relax when your child goes to the dentist and gets a clean bill of health.

There's an old belief that still persists even today — that the pudgy baby is the happy, healthy baby. Nutritionists and other health people tell us just the opposite. Young children can, and large numbers do, suffer from obesity.

Now for the really tough job. It's sometimes easier to say "NO" to the bank teller or even the child than it is to a well-meaning grandparent who arrives with, literally, a grocery sack full of candy. One parent reported a crisis last Easter. Grandparents arrived with a huge ten-pound chocolate rabbit for the 14-month-old grandson. Fortunately, the 14-month-old was more intrigued with the box that the rabbit was packed in than he was with the chocolate rabbit. After the fanfare of opening the chocolate rabbit, the parent was able to put the rabbit out of sight, to be forever forgotten by the young recipient.

As we go about our parenting, we must know what we are committed to, what each wants for his or her child and then stand up for it.

And when it's all said and done — we do have the right to say "NO" and with all the courage in us, we must indeed say it!



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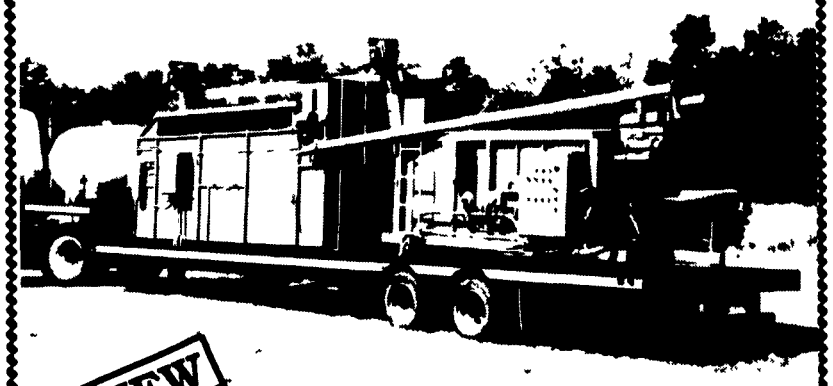

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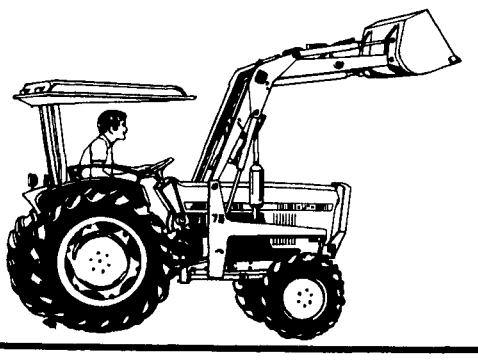

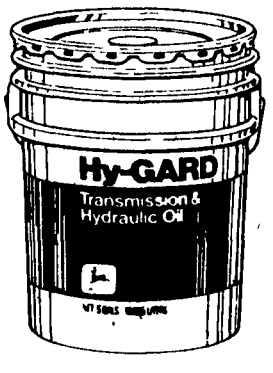

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Lancaster County State Horse Show Winners

Alison Farrington of Lititz placed first in Western pleasure three-year-old—futurity; third in stock seat equitation, senior division; and seventh in the open trail contest.

Kate Moxley of Lancaster won first place at the Pennsylvania 4-H Horse Show in hunter seat equitation, junior division over jumps.

LANCASTER (Lancaster Co.)— Lancaster County 4-H horse members received nine awards at the 30th annual State 4-H Horse Show held this fall at the State Farm Show held at the State Farm Show Complex in Harrisburg.

County winners in 4-H horse performance classes were: Alison Farrington, Lititz, third in stock seat equitation and seventh in open trail; Deana Mentzer, Landisville, sixth in hunter hack horses; Kate Moxley, Lancaster, first in hunter seat equitation, junior division over jumps.

In 4-H horse production classes members breed and raise their own project animal. Local winners were: Alison Farrington, Lititz, first in western pleasure three-year-old - futurity, third in two year old filly, fourth in western pleasure two-year-old - futurity; Angela Frantz, Lancaster, first in yearling gelding - Arabian; and Eileen Holm, Manheim, third in English pleasure three year old - futurity.

Several other Lancaster County horse club members competed in the state contest and received recognition. They were: Becky Preiss of Landisville and Jennie Olweiler of Elizabethtown.

Jay W. Irwin, County Extension director, pointed out that competition gave 4-H'ers an opportunity to display their skills in horsemanship and proper horse grooming.

The primary purpose of the state 4-H horse show program is to develop skills in horse management. Through competition the 4-H'ers develop riding skills, gain self-confidence and learn proper care of animals.

The state show culminates the year for over 6,000 Pennsylvania 4-H members enrolled in horse and pony clubs.

More than 600 winners in county and district competitions from all over the state vied for awards. Lancaster County had 38 4-H'ers entered in the competition. Events tested skills in showmanship, pole bending, equitation, barrel racing and timed events, jumping and pleasure buggy driving.

Angela Frantz of Lancaster won first place in the Arabian yearling gelding competition.

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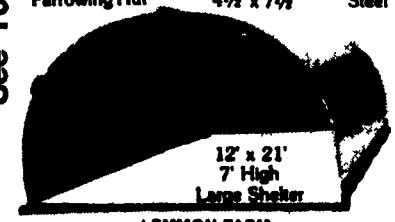

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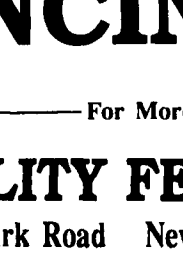
CENTRAL HIGH-TENSILE

FENCE CONSTRUCTION



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Our ENERGY-FREE DRINKERS will keep water cooler in the summer and warmer in the winter without electric or gas.

Use our eight years of experience and expertise to select a drinker that will work on your farm.

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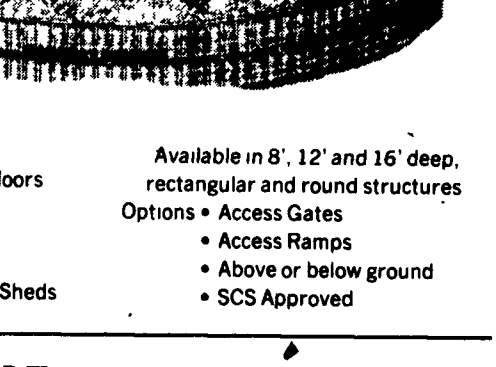

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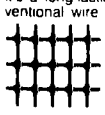

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All types of fencing, specializing in High Tensil and Split Rail.
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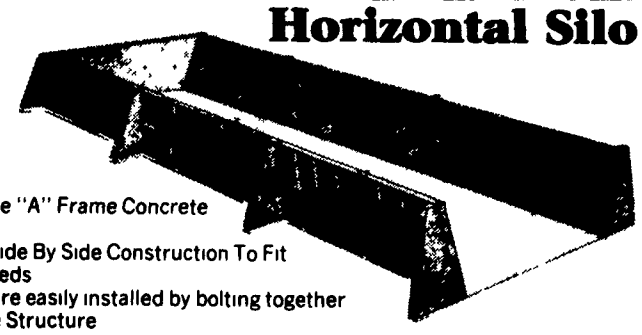

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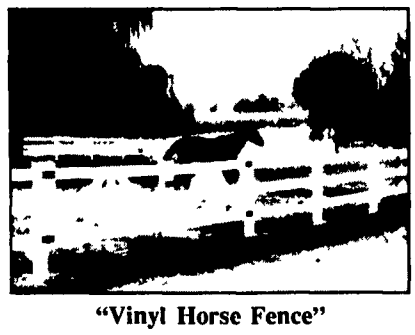

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7 LIVESTOCK EQUIPMENT

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A division of Jesse R. Austin Enterprises.

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2-horse Thorobred Model, in ass't. colors	$2895.00
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Lancaster Farming
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Ephrata, Pa. 17522
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or Lititz
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PHONE HOURS:
Mon., Tues., Wed. & Fri.
8 a.m. to 5 p.m.
Thurs.
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The following categories are available for your classified advertising. In Section C. Deadline- Thursday morning at 9 of each week's publication

1- Farm Equipment
1a- Construction Equipment
2- Farm Eq. Wanted
3- Silos and Unloaders
4- Building and Supplies
5- Grain Equipment
6- Dairy Equipment

The following categories are available in your classified advertising. In Section B. Deadline- Wednesday afternoon at 5 of each week's publication.

7- Livestock Equipment
8- Cattle
9- Horses & Mules
10- Sheep & Goats
11- Swine
12- Artificial Breeding
13- Hog Eq. & Supplies
14- Poultry & Supplies
15- Feed & Seed
16- Fertilizer
17- Plants
18- Fruits & Vegetables
19- Nursery
20- Lawn & Garden
21- Services Offered
22- Custom Work
23- Help Wanted
24- Situations Wanted
25- Business Opportunities
26- Household
27- Pets
28- Lost
29- Found
30- Computers
31- Notice
32- Miscellaneous
33- Recreational Vehicles
34- Autos
35- Trucks & Trailers
36- Real Estate

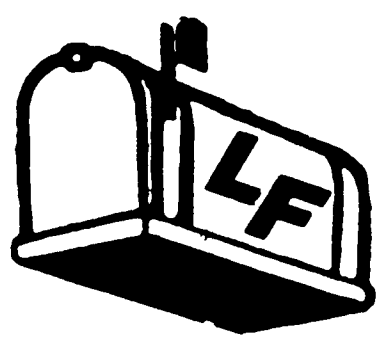
CLASSIFIED AD ORDER BLANK

PLEASE WRITE CLEARLY

MAIL TO:
LANCASTER FARMING
P.O. Box 609, Ephrata, PA 17522

NOTE: Please do not use this form for Mail Box Market Ads, see instructions in Section D with Mailbox Markets.

DEADLINES:
SECTION B - WEDNESDAY AT 5:00 P.M.
SECTION C - THURSDAY AT 9:00 A.M.
OF EACH WEEK'S PUBLICATION



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Address _____

City _____ State _____

Zip _____ Phone (___) _____

Please publish my____word ad____times starting with the_____issue. Classify under #_____. I enclose_____.

Box Replies: Ads with answers coming to a box number, c/o Lancaster Farming: $1.50 per ad per week additional.

This newspaper will not be responsible for more than one incorrect insertion of any advertisement.

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29¢ per word per week - 1 or 2 times
23¢ per word per week - 3 or more times
11 word minimum

Words	1 Time	2 Times	3 Times
up to 11	3.19	6.38	7.59
12	3.48	6.96	8.28
13	3.77	7.54	8.97
14	4.06	8.12	9.66
15	4.35	8.70	10.35
16	4.64	9.28	11.04
17	4.93	9.86	11.73
18	5.22	10.44	12.42
19	5.51	11.02	13.11
20	5.80	11.60	13.80

1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20
21	22	23	24	25
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36	37	38	39	40

(Phone Numbers Count As One Word)

7 LIVESTOCK EQUIPMENT

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8 CATTLE

10 Guernsey Cows, 1 Bull. Alvin S. King, 202 Shreiner Rd., Leola, PA 17540

13 month old red and white holtstein bull, Dam an Enhancer daughter, estimated at 365 days 24,000 lbs. milk, 1,000 lb. fat for .6 test; next Dam 26,000 milk, 1,000 fat. Also a 12 month old Rotate Son, Dam an Elevation daughter, 3 generation 30,000 milk, 1,100 lb. fat. Levi M. Stoltzfus, 31 E. Eby Rd., Leola, PA 17540.

27 bred Holstein heifers, due late January and after, call (717)548-4097.

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30 holstein heifers ready to calve. Chester Co. 215/593-5665 or 215/593-2751

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Buyers = Sellers of Livestock -- Be sure to check the advertisements for cattle in the Lancaster Farming. You'll get results! 717-394-3047 or 717-626-1164.

Choose your Simmental bull from $600. Some Polled, all halterbroke, quiet 2 yr. old ready for service, $1,100. Polled halterbroke. Will Deliver. Chester Co. 215-935-2928

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Holstein Bull being proven. You can use Bull free for keeping him. Must have good bull pen. 717/285-7426

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Service age registered Holstein bulls by Pete, Star, Astronaut, Glendale, Chief and others. Dams classified. Very Good with records over 29,000 lbs. milk and 1,195 lbs. milk fat. STUMPLAND FARM 215-488-1965

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Simmental bulls, heifers & cow calf pairs, quality genetics. Call or visit, Lakeview Simmentals, Woodstock, VA. Only 3 minutes from I-81. 1-800-541-7496.

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WANTED
Dairy Cattle
Heifers and cows of any age.
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We At Salunga Acres wish to thank our many friends and customers for making 1989 a very special year.

SALUNGA ACRES
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Also FRESH DEADS
(Dog Food)

Monday thru Saturday
Free Pickup
Call Wayne Taylor
FREE CALL
1-800-234-COWS (2697)
215-286-9400
Lebanon, Lancaster, Berks & Chester Co.

9 HORSES & MULES

2 yr. old red sorrel belgian gelding broke $900 firm. Call after 7PM, 717-765-4673. Franklin Co.

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FOR SALE Two registered Belgian mares, 1 light sorrel, 1 red sorrel, 3 years old, over 17 hands, Green Brook. Potter County (814)848-7915

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Standard bred carriage horses. Just off race track Call 717-656-8916.

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MORITZ TRAILER SALES
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"Walking" your way to suggest a Tenn. Walking Horse for your loved one this year. Stop by to choose your horse from a large selection, 15 mares, 16 geldings, all colors. Also don't forget we have all the tack you'll need at rock bottom prices!
We Also Trace & Finance!
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G-20, Lancaster Farming
P.O. Box 609, Ephrata, PA 17522

FOR SALE
HOLSTEIN HERD
95% Registered
43 milking/6 dry; 59 lb. milk/day
RHA 11-89 17,200 3.6 620

This is a young herd with over one-third under 3 years old. They hold a great potential, routinely producing "premium milk."

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Stewart, Lime-Hollow Mars, Ned Boy, Starwars, Lord, Astromatt, Cinnamon, Chairman, Count, Tong, Bookie.

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Eva Delp-Cole (301) 836-1910
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Tox-O-Wik Cattle Scratchers
Cattle Treat Lice As needed
Repair Parts & Insecticides
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Wanted To Buy
Registered Holstein Heifers, any age.
Write to **Abraham S. King**
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Gordonville, PA 17529
or call 717-354-4375

9 HORSES & MULES

WANTED: Appaloosa, Quarter, Morgan, 2-6 yrs., 15.0-15.2, dark bay, quiet, sound, stocky, gelding. 717-683-5155

WANTED: Small Draft Horse Chunk, 1,200 to 1,300 lbs. Must be well broke. 607-324-6136 Evenings.

10 SHEEP & GOATS

FOR SALE: 160 sheep, Corriedale and North Country Cheviot; some pure, some cross. Mixed ages. Bred for January, March lambing. Rory MacCrea, Locustbrae Farm, Alfred Station, New York, 14803. (607)587-9270.

Great Pyrenees Puppies, raised with sheep. Champion lines. $300. Hillsborough, NC 919/732-7254

10 SHEEP & GOATS

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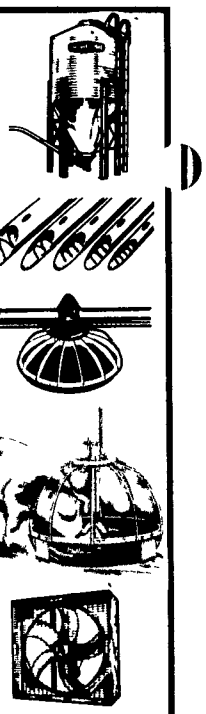

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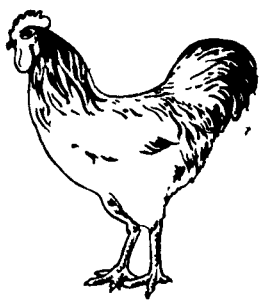

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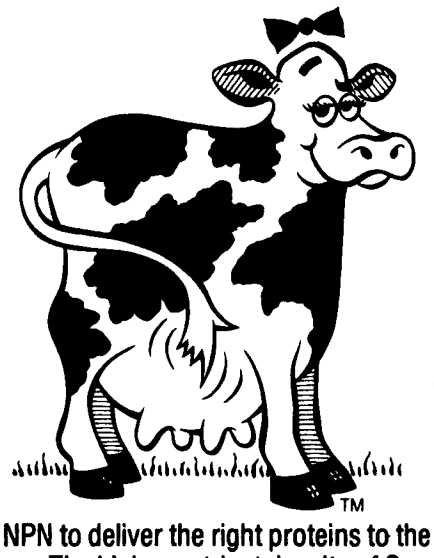

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PROFESSIONAL HOOF TRIMMING: Over 20 years experience. Fast and accurate work. 70-100 cows per day. Increases milk production. Easy and gentle on the cows and farmer. No assistance needed. 717-755-0770 or 717-757-3378. Satisfaction guaranteed.

Soybean roasting on your farm. Dale L. Schnupp, RD 6, Lebanon, PA 17042. 717-865-6611.

21 SERVICES OFFERED

BEES FOR POLLINATION
Tony or Ellen B
(215)483-9165 or
(609)465-6077.

Clipper Blade Sharpening: Cattle Blades $2.50 set; Dog & Sheep Blades $3.00 set. Plus Return Postage. Guaranteed To Work. Aaron E. Beiler, 915 W. Main St., New Holland, Pa. 17557

Furniture Refinishing, hand stripping, reliable service, pick up and delivery. 717/464-0755

NOTICE: Will do welding. No job to big or small. Portable and shop. Also build and repair utility trailers. All work guaranteed. Reasonable rates. Berks County. Walmer's Welding Service. 717-933-5427.

LIQUID MANURE HAULING
(717) 872-1981
Steve Lehman

ATTENTION FARMERS
If you have deteriorating concrete masonary or stone walls, have it repaired with GUNITE®
For information and estimates call
Martins Silo Repair
(215) 484-2517

MOBILE PHONE
1-575-5035

HENRY'S WELDING CO.
PORTABLE WELDING

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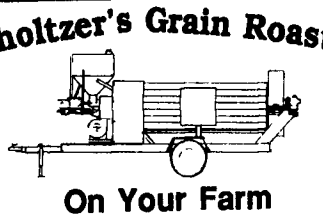
Reinholds, PA 17569

Telephone
(215) 484-2238

DAIRY FARM SITTING
Experienced milker with knowledge of all aspects of Dairying. Will care for your operation during vacations, illness or injury. Excellent references. Reasonable rates.
Call:
215-593-2367 or
717-786-7229
Andrew C. Batdorf

Oberholtzer's Grain Roasting



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Jerry Oberholtzer
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Morgantown, PA 19543
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CUSTOM BAGGING
8 ft. machine, strictly power take off.
Fermentation aid available.
NC + hybrids dealer.
Corn, alfalfa and sorghum.
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If you are looking for a swine related job or a worker for your farm, we can help. We match employers with employees and offer:
- Fast Service - Low Cost
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Custom chisel plowing. Other services w/my tractor and your equipment. Pressure washer for rent or servicing, and week trimming. (215)869-4072.

We do van driving for team people. Goodville. 215-445-9591.

23 HELP WANTED

$35,000/YEAR PART TIME. Ag Related Field, For Free Information Please Call 208-733-2323, or write A.S.A.A. Box 186, Twin Falls, Idaho. 83303.

Assistant herdsman for an 80 cow dairy herd in Huntingdon County. Good salary, benefits and retirement. Experience and references required. Great opportunity for person w/ ambition and interest. (814)684-4475.

Christian worker needed for parlor milking and general farm work. North of Myerstown. Hourly wage. 717-933-5771.

Experienced herdsman with help for 130-140 cow herd. Milking parlor & free stalls. Excellent pay. References required. 301/371-7704

FARM MANAGER. A vigorous, hard-driving manager, to work with an older general manager on a 2000-acre grain, cattle and sheep operation in Ohio. Must have a demonstrated record of training and motivating others, organizing complex operations and controlling costs. Needs knowledge of crop farming, including a familiarity with a wide range of equipment, and a good background in animal husbandry. Character, personal qualities and willingness to perform physically demanding assignments will be important in selection. References required. Excellent salary, benefits, bonus plan. House provided. Send resume to Box R-159, %Lancaster Farming, P.O. Box 609, Ephrata, PA 17522.

Fuel Oil Delivery, Coal Delivery, Equipment Repairs, Fertilizer Spreading or Crop Spraying. Will train for Class 3 Drivers License. Housing Available. F.H. Kreider, 717/898-0129

Full time position available on a sow, hog operation in the Lititz area. 215-267-2677.

Full time position for Northern Chester County dairy farm, prefer married, to help manage crops, do field work, mechanically inclined for machinery repairs. Must be good w/ animals, milking cows and feeding livestock. Housing, good salary, hospitalization, year-end bonus plus other benefits, Everyother weekend off. (215)469-9630.

Going 3X need milker/mgr. 80 cows, 100 stalls, and 2x8 parlor. Berks Co. 215-488-6835.

HERDSMAN OR MARRIED COUPLE to help with milking & general chores for a 75 cow herd in Baltimore Co., MD. 301/357-5239

Part time barn personnel, experienced with livestock preferred but not necessary, will train. Contact 717-442-4181.

SALESMAN for biological agricultural products w/ farm background & college education preferrable. Send resume to: P.O. Box 421, Dillsburg, PA 17019

Service person wanted for fast growing dairy equipment business. Opportunity to earn ownership. Experience preferred. Reply to Box D-27, %Lancaster Farming, P.O. Box 609, Ephrata, PA 17522.

Farm Manager: A strong and dependable person is needed to work a small farm and care for fields, fencing and herd of beef cattle. Mechanical and general maintanance experienced is required for this full-time position. Call 201-766-5523.

FULL-TIME HELP WANTED. Feeding cattle and field work on modern dairy farm. 110 milk cows plus replacements, 450 acres crops. Modern farm house. Salary negotiable, some benefits. Opportunity for a willing worker. Frystown, Berks County. (717)933-8748.

Sell Animal Health Supplies
farm to farm.
Must have dairy farm experience and be aggressive. Guaranteed salary plus commission and excellent benefits.
Call
Animal Medic, Inc.
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Available immediately part or full time person to work on beef farm. Pay based on qualifications. Housing available
(800) 342-5794
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IMMEDIATE OPENING
For 2 mechanics. Experience preferred but not required for local John Deere dealer on Lawn and Garden and Ag Equipment
Call Mike or Jim for appointment
717-244-4168

Good, Dependable, Dairy Farm Milking Manager
of large modern facility in Central, New Jersey. Top wages, hours flexible, housing available nearby. Experience & references preferred.
Call between 9 a.m. & 2 p.m. daily
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PERSON FOR MAINTENANCE DEPARTMENT.
Experience In Electric and Hydraulics Helpful
Contact:
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Mechanic With Minimum 2 Years Experience.
Ag Background Preferred
Competitive Wages & Benefits
ABC GROFF
Since 1890 a name you can trust
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S. Railroad Ave.
New Holland, PA
17557
(717) 355-2123
Ask For Gary

SALESPERSON WANTED FOR LAWN & GARDEN AND TURF EQUIP.
- Territory - Eastern Pennsylvania
- Experience Preferred - Training in Turf Maintenance Helpful

Salary negotiable w/experience, full company benefits.
If you enjoy meeting & working with people, this could be your opportunity.
Contact: Butch for interview
215-367-2169
Erb & Henry Equip., Inc.
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HERDSPERSON WANTED
MASS. DAIRY FARM
Milking, herd health, and calf raising. 6 day week, paid vacation, housing & health insurance. Salary negotiable.
Send resume to:
Proctor's Bel-Air Farm
RFD #3, Box 126
Great Barrington, Mass. 01230
(413) 528-2368

Position available on modern dairy farm w/milking parlor. Needs to enjoy milking and some general farm work. Prefer married couple. Modern house available plus benefits. 10 miles west of Lancaster. Starting time approximately 30-60 days.
(717) 684-6500

Sales Manager
For Aggressive Animal Health Distributorship.
Overnight travel required.
Send resume to:
Animal Medic Inc.
P.O. Box 575
Manchester, PA 17345-0575

FIELD MAN POSITION
PA DHIA is seeking a regional manager for a 16 county area in Southeastern PA.
POSITION OBJECTIVE: To implement, coordinate, and supervise all aspects of the DHIA program within the assigned region. Applicants must enjoy people contact, be self-starters and possess positive sales and marketing skills. College degree preferred but not necessary. Ag background is required.
Send resume by Jan. 15, 1990, to:
Director of Field Services
PA DHIA Service Center
Orchard Road,
University Park, PA 16802
For information call:
Norma Homan, (800) DHI-TEST

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Dairy Feed Sales/Farm Consultant For portions of Lancaster & Chester Counties. Mature, well groomed individual with farm background in Dairy.
Hess Mills
6 S. Vintage Rd.
Paradise, PA 17562
717/442-4183
717/768-3301

CROP MANAGEMENT CONSULTANT
Successful crop consulting firm seeks individual to fill new crop consultant position. The consultant will be responsible for scouting fields and making recommendations based on observations. He will take soil samples, help maintain crop production records, and advise members on cultural practices designed to maximize net returns.
Qualifications: B.S. in Agronomy or related field; farm background and/or previous experience. Must have own transportation, be in good physical shape, and relate well to people.
Conditions: Salary commensurate with degree; benefit package included.
To apply: Send resume with 3 references to **Wayne Beidel, 8906 Mowersville Rd., Newburg, PA 17240** by January 10, 1990.
For more information, contact:
Martin Krone,
Franklin Co. Crop Management Association
(717-263-9226)

23 HELP WANTED

Help to strip tobacco. Millersville Area. Transportation for Amish arranged. 717/872-7801

L.A.M. EXCAVATING
RD 1
Boyertown, PA
Equipment Operators Wanted
215-367-7494

Commodity Brokers Wanted:
Expanding Central PA Full-Service Ag Commodity Brokerage Firm Seeking Account Reps. To Service Eastern Ag Products In Cash Merchandising. Sales or Marketing Experience Preferred
Send Resume to:
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c/o Lancaster Farming
P.O. Box 609, Ephrata, PA 17522

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Come work in one of our modern 1200 Sow Feeder Pig Production Units
Present and future full time positions available
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To travel Maryland, Delaware and Northern Virginia representing established wholesale distributor of farm equipment, lawn and garden equipment, and hardware lines calling on dealers of above equipment. Draw against commission, medical and fringes. Reply to:
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24 SITUATIONS WANTED

Reliable family man, 13 years farm experience, careful worker, good references, seeks farm employment on estate, beef, or crop farm in central to south central PA. (301)253-1771 after 7 p.m.

Young family seeks employment on dairy farm with possiblity of future ownership of cows. Husband life long experience with dairy, wife also willing to help. Prefer tie stall in South Central PA. Housing needed. Reply Box D-24, c/o Lancaster Farming, P.O. Box 609, Ephrata, PA 17522

Young man, graduated Towson State University, geography and environmental planning degree seeking conservation type position w/future. Experience w/farmers, prefer 40-50 hour type job, $17,000+ benefits. Will consider farm or ag position w/futre. Call Tim (301)321-7819.

25 BUSINESS OPPORTUNITIES

$1000 weekly- at home, no gimmicks, details FREE! Send SASE, BL Lake Company, Box 228, Big Cove Tannery, PA 17212

FOR SALE
Manufacturing Business in Lancaster County. Wood products filling a market niche with an established dealer network. Buy inventory and equipment. Ideal start-up business for young motivated individual. Interested capable person call evenings:
717/548-3808

Want to make $15/hr. at home? Handmade item every dairy farmer needs. Easy extra income for men, housewives, teenagers, retired, and disabled. Free information. SASE to: Goodville Farm Services, Box 6, Goodville, Pa. 17528.

26 HOUSEHOLD

(1) 20 qt. Toledo mixer w/ dough hook & other attachments. Also, (1) Nordic corn burning stove. 215/593-6127

For Sale: Grandmother's clock, King flute, girl's ten speed bicycle. 717/656-9520

Rainbow Vacuum cleaner, re-built motor, $450. Electrolux Sweeper, re-built, $399. Also new and used Viking Sewing Machines. Call 717-866-5555 ask for MaryLee, Fred-Strobel's Viking, Myerstown along Rt. 422.

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Central PA's oldest & largest used only appliance store now open in Lebanon. Over 150 rebuilt appliances to select from. All appliances guaranteed 1 year.
W.S. Enterprises
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Lebanon, PA
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27 PETS

5 Keeshound puppies, 9 wks old, from purebred stock. Excellent gift for your child's Christmas. 717-274-2693 or 215-926-2441

AKC Lab Retriever Pups, Chocholate, Blacks. AKC 2 year yellow Lab, female, spayed, trained, excellent hunter (717)658-6529.

AKC Norwegian Elkhound Puppies. $250. Call now to reserve yours. 716/595-3210

AKC Rottweiler Stud Service. Gap area. $50. Call 717-442-8821 after 5 p.m.

AKC Westhighland Terrier Pups. Ready 12/27/89. $200 to $225. No Sunday calls 717-485-5636.

Beautiful new litter of Catahoula pups for sale. The perfect dog for your farm and home. Working farm dogs available. 215-493-4900.

Boston Terrier Puppies. (No papers) Ready Jan. 11. Males $125, females $150. Daniel Rissler, RD#1, Port Trevorton, PA 17864.

Coonhound pups, Bluetick, UKC Registered, Vaughn Bred, excellent hunting stock. 301/692-9719

Favorite rabbit cages, 30"x36"x18", stacked 3 high on wheels, very good condition. Delivery available. (215)536-3244.

For Sale: AKC Norwegian Elkhound Puppies. Shots & wormed. Parents on premises. $150.per/male; $225. per/female. 717/354-9196

For Sale: Registered male border collie, 2 yr. 9 mos. Fully trained for both practical farmwork & trial competition. An obedient, steady, easy-going dog who is always ready to work both sheep & cattle. Lisa Schafer, 215/286-6845

Healthy Purebred Border Collie Puppies, $50 each. Cumberland County. (717)776-5726 anytime.

Jack Russell Pups. Northumberland Co. 717-649-5579

Purebred Keeshond, Chihuahua puppies. Lab and Ridgeback cross pups. Parents on property. 717-244-0624.

Registered Border Collie puppies, both parents working on our farm. Also one 18 month old regiestered female, started on sheep. Shoemaker 814-344-8659.

St. Bernard pups, AKC, 6 weeks old Dec. 21st., shots, wormed. 717-548-3898. If no answer call evenings.

WANTED-Puppies, all breeds. Jack's Dog Farm, Rt. 611, Pipersville, PA 18947. 215-766-8802.

WANT: Young AKC Lab Retriever. (717)658-6529.

PUPS WANTED
AKC & Cute Curly Mixes, 7 weeks old for pets only. Highest cash prices paid. Reliable weekly pickup. Call The Puppy King at Pet Depot.
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P.S. We buy pups 52 weeks a year.

WANTED Puppies For Pets
AKC, Purebred, Mixed Litters.
Stud service for most breeds
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$$$$$$$$$$$$$$$$$$$$
CASH FOR PUPPIES
In litter lots for resale in my pet shop. Will pick up.
Call Charlie Hackett
215-681-5236
$$$$$$$$$$$$$$$$$$$$

WANTED NOW!
For Resale As Pets, Will Pick Up
Bostons, Boxers, Chihuahuas, Shephards, Golden Retrievers, Irish Setters, Keeshounds, Laboradors, Maltese, Toy Poodles, Pomeranians, Pugs, Samayeds, Shelties, St. Bernards, Siberians, Yorkies Himalayans, Persian, and Siamese Kittens
Top Dollar Paid
717-822-2033

Jo Jo The Dog Man
PUPS WANTED!!!
Will pickup pups in Lancaster Area Dec. 28 & Feb. 1st. Pure & cute mixed breeds purchased in litter lots to 8 wks.
For best results call 609/452-8903 between 7 & 9 AM Mornings. Keep Trying!
P.S. Write Joe O'Neill, 3637 US Hwy #1, Princeton, NJ 08540 with complete directions to your farm.
$500 winner was Emery Yoder, Holmes Co., OH.

DON'T GET STUCK!
SELL US YOUR AKC PUPPIES AND PUREBRED KITTENS FOR PETS. TOP DOLLAR PAID, WILL PICK UP LITTERS OR ANY AMOUNT
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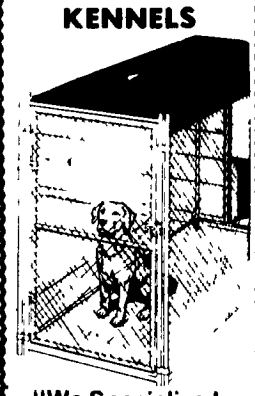
CUSTOM BUILT CHAIN LINK KENNELS



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Singles To Large Complexes
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Bandsaw blades made to order Wood, metal, or meat cutting. UPS shipping (717)733-0511. Martin's Sharpening, RD#1, Ephrata, PA 17522.

Covered snowmobile trailer 7½ x18 drive on-off elect. brakes, $1,995. Empire gas furnace 55,000 BTU, $450. Lanc Co 215-267-5319 Eve.

FOR SALE 18'x8' steel garage door, various colored shingles, 10" steel band saw. (717)445-6048.

FOR SALE: Gun closet, bookcase combination. Gun closet on each end, 89" high, bookshelves in center 36" wide, total width 75". Made by professional cabinet maker. (215)399-1399 after 7 p.m.

FOR SALE: Large assortment of Farm Toys including most collectors., Very good overall selection. Come early for best selection. Wengers Farm Machinery, 251 S. Race St., Myerstown, PA 17067. 717-866-2135.

For Sale: Gas infra-red heaters, 100,000 BTU, ideal for pole or steel buildings w/high ceilings. Service manual available. $50 each. (717)838-1711 9-5 or (717)838-9055 evenings or weekends.

For Sale Miller engine driven welder, generator. Homelite generators Cub Cadet tractor with blade and snowblower and mower deck 717-859-2797.

For Sale: Riteway Model 37 Coal & Wood Stove New Condition 717/426-3135

FRESH PECANS. Shelled. 1lb /$4.75, 5lb./$23.25 Cracked ready to shell 5lbs./$9.95 Ground 1lb/$3.75 Harold Hackman, Rte. 2, Box 482, Slocomb, AL 36375

GE 400 amp gas powered trailer welder; (2) deep well water pumps; (1) rod pump & (1) impeller pump; 8 roller sprayer pump; Turbo-hydromatic 400 GM auto. trans., excellent condition. 301-941-1113 after 5 p.m.

Knife Grinder, Foley-Belsaw 355A, good for planer, chipper or jointer knives, has water mist cooler & auto feed, $1,200. OBO. 201-496-4668

Meatgrinders, Bandsaws, Slicers & Tenderizers. Also, new splitting saws for only $249. Gerry Grundy, Doylesburg, PA, on Rte. 75, 200 yards North of Rte. 274. Open Saturday & Sunday. 10AM-4PM. 717/349-7654 or evenings: 215/549-7584

TIRONIE'S TARPS. SHIPPED ANYWHERE. 717-584-2928 anytime.

TRAINS, Southern Pacific Daylight Express, 2332, 282 crane, 6657 caboose, plus track, transformers & 50 more cars and/or engines. $3,800. For All. 201-938-5726

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WANTED: old barns, log cabins, out buildings, etc. for removal. Call 301-357-8108.

32 MISCELLANEOUS

11' Gledhill snow plow self feeding flink spreader pump all hose and controls for complete hookup. Biglerville, Pa. 717-677-8958

1872 church bell in cradle w/wooden 12" diameter driven wheel. Also wooden 44" diameter drive wheel and 115" long wooden tolling rod. $1,750 OBO. Stain glass windows and doors available. (717)799-5768.

6,000 lb. air tire forklift, new rubber, runs good. 215-538-1945

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Wall cupboards, pay up to $10,000. Corner cupboards to $5,000. Slant-front desks, grandfathers clocks, rope beds, guns, pottery, toys & anything old. Just give me a call. Free appraisals.

Write:
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Anytime

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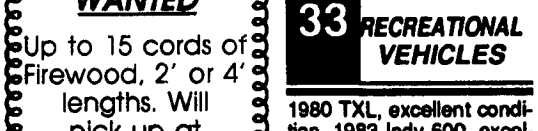

7'x20' Office Trailer, 2 Rooms
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Up to 15 cords of Firewood, 2' or 4' lengths. Will pick up at your place.
Robert Yarnall
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PAINTED STEEL ROOFING & SIDING
- Galvanized/Galvalume
- 29/26 Gauge
- 3 Major Brands Available
- Large Stock Trim & Sheet

AS LOW AS $29.00 per/sq.
Conestoga Building Supply
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33 RECREATIONAL VEHICLES

1980 TXL, excellent condition. 1983 Indy 600, excellent condition. 1987 Trail Indy, excellent condition. (215)779-3284

Honda 300CL 4trax 4-wheeler $2500. Price Neg. Call 717/442-8080 Anytime

34 AUTOS

1978 International Scout 4WD, 58,000 original miles $1200. Franklin County 717/349-2451

Two brand new Captian Chairs for Van or Motorhome. Dark blue valour with arm rests, fully reclining w/swivel pedestal $220./each. 717/536-3458 or 536-3500

35 TRUCKS & TRAILERS

1988 Ford F350 XLT, dually, AC, PDL, PW, gray, approx. 25,000 original miles, AM-FM cassette stereo, tow package. 215-273-9246 Daytime, 215-380-1953 Evenings.

6,000 lb. air tire forklift, new rubber, runs good. 215-538-1945

'76 Mercedes 1113 diesel truck, 25,000 GVW, 16' Reefer body, XMT Thermo King unit, single phase, low miles, $5,000. 717-867-4896

'86 Dodge pickup truck, P/S, P/B, A/C, excellent condition (215)779-3284 after 6.

'86 Ford F250, ¾ ton, 4x4, 300 6 cylinder, 4 spd., PS, PB, lock-out hubs, new radials, excellent condition, $7,950. 717-733-2873

'87 Ford F250 ¾ ton super cab, 300 EFI, 4 spd., PS, PB, AM-FM, dual tanks, 8,600 GVW, 32,000 miles, excellent condition, $9,950. 717-733-2873

1980 GMC duel wheel pickup. P/S, P/B, A/T. 1977 R model Mack single axle long wheel base. Lancaster County (717)627-1210.

1980 Mack model F, 300 eng., wet line, 26' Parker dump trailer, roll tarp. Call after 5 p.m. 609-935-7729

1983 GMC Topkick 7000, C&C. 138"C.A., CAT 3208, 210 HP, 33,000 GVW, 12,000 frt axle, 22,000 2speed single axle rear. 5sp. spicer trans, 1,000x20 tires on spokes. New white paint, rear brakes & drums. Nice truck, Price: $12,000. Phone after 6PM: 215/869-2230

1984 Chevy K20 Pickup, ¾ ton, 4WD, AM/FM, Cap, Cruise, Tow-hitch. Garage kept. One Owner. Excellent conditon inside & out. $7300. 215/643-7551

1985 Cube Van Chev., 12ft. body, split door, white. Extra clean 18,000 miles on complete Mr. Goodrich G2 Diesel. Price: $7,000. Will trade for farm tractor 607/387-5579

1989 Moritz gooseneck flat trailer, 22,500 GVW, heavy duty axles w/oil bath, side racks & 1988 C30 Chevy 4x4 w/FI 454, AC, PS. Also new 4x4 Welger round baler. 717-762-7406

1990 Ponderosa stock trailer, 24' gooseneck, 427-454 truck motors. (717)762-6415.

366 & 427 CHEVY TRUCK MOTORS, plus a special high performance 396 for street use. All of these motors professionally built. Call Tony for information and prices. 717-762-7940

1972 White 9000 single axle dump truck, 250 Cummins, air brakes, truck in very good condition, $8,250. OBO. 201-496-4668

1974 INT 1700 w/grain dump bed. Excellent condition. Low miles. Call 301/239-7252 or 301/346-7409

1976 International 1800 model, w/new 446 gas motor, 5+2, P/S, air brakes. 1980 International 1854, S model, 466 diesel, 5+2, P/S, 28,000 GVW. 1981 International 1854 S model, 466 diesel, 5 speed, P/S, 28,000 GVW. (301)877-9889.

1978 Chevy K10 Pickup. 4WD. V8. AM/FM. Excellent running condition. $2600. 215/643-7551

1978 Volvo truck, 36,000 GVW, 24' frame, $2,000 OBO. (717)776-7542.

1979 Ford 350 truck, 400 engine, 4 spd., air, 8'x12' cattle body w/treaded steel floor, 38,200 actual miles, $5,650. 717-949-3074 or 703-879-9926

1980 Chevrolet K30 4x4, dual rear whls., $4,500. Franklin Co. 717-349-7281

1980 Dodge truck, 9' stake body, black, D-300, 1-ton, 50,000 miles, $3,900. 215-855-0626

'87 Ford XLT Lariat F250, 4x4, 300 EFI, 4 spd., PS, PB, AM-FM cassette, dual tanks, lock-out hubs, blue & silver, excellent condition, $9,800. 717-733-2873

'87 GMC High Sierra 2500, HD, ¼ ton w/new Reading utility body, 350 EFI, auto., PB, PS, air, AM-FM stereo, 8,600 GVW, 17,000 miles, like new, $11,995. 717-733-2873

'88 Chevy 2500, ¾ ton, 350 EFI, 5 spd., PS, PB, AM-FM, 10,000 miles, like new, $8,950. 717-733-2873

'88 Chevy 3500, 1 ton pickup, 350 EFI, 4 spd., PS, PB, 8,600 GVW, blue, 11,000 miles, excellent condition, $9,950 717-733-2873

'88 Chevy C30 w/12' stake body w/1,800 lb. fold away power lift gate, 350, auto., PB, PS, 4,000 miles, like new, $13,900. 717-733-2873

'88 Chevy Silverado 2500, ¾ ton, 6.2 liter diesel w/ new Reading utility body, PS, PB, 24,000 miles, excellent condition, $10,995. 717-733-2873

'88 Ford E350, 14' flat floor cube van, 351 EFI, auto., PB, PS, 10,700 GVW, Michelin radials, 11,000 miles, like new, $12,900. 717-733-2873

'88 Ford F150, HD, ½ ton, 300 EFI, 5 spd., PS, PB, AM-FM, dual tanks, 6,250 GVW, 11,000 miles, like new, blue, $8,950. 717-733-2873

'88 Ford F250, ¾ ton w/ new Reading utility body, 302 EFI, 5 spd., PS, PB, AM-FM, dual tanks, 25,000 miles, excellent condition, $11,900. 717-733-2873

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'89 Chevy Cheyenne 2500 HD, ¾ ton, 350 EFI, auto., PB, PS, AM-FM stereo, 8,600 GVW, maroon & silver, 6,000 miles, like new, $11,900. 717-733-2873

'89 Chevy Scottsdale 2500, ¾ ton extended cab, 350 EFI, 4 spd., PS, PB, air, AM-FM cassette, cruise, tilt, red & silver, 9,000 miles, like new, $12,500. 717-733-2873

'89 Ford F250, HD, ¾ ton, 351, 5 spd., PS, PB, AM-FM, dual tanks, 8,600 GVW, 11,000 miles, charcoal, excellent condition, $9,950. 717-733-2873

FORD rear and transmission for 1948 to 1951 F8 series, very good condition. $500. both. Other old Ford parts available. Bucks Co. 215-348-2123

FOR SALE: '63 Chevy C-40 stake body w/2 ton electric-hydraulic crane, 10' bed, runs good, 46,000 original miles, $2,200. (717)838-1711, 9-5 or (717)838-9055 evenings and weekends.

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For Sale: 1971 1700 Int. Truck; 16' dump body; 48" sides hay/grain tail gate, hay rack over cab. $3,200 or good offer. York Co. 717-637-0206 or 637-4887. No Sunday calls.

1971 Ford LN800 dump truck, 31,000 GVW, AB, PS, 5,000 miles on factory remanufactor 391, 1100x20 radials, 7'x10'6" box new 1/4" floor, $8,000. OBO. 717-647-9124 after 5 p.m.

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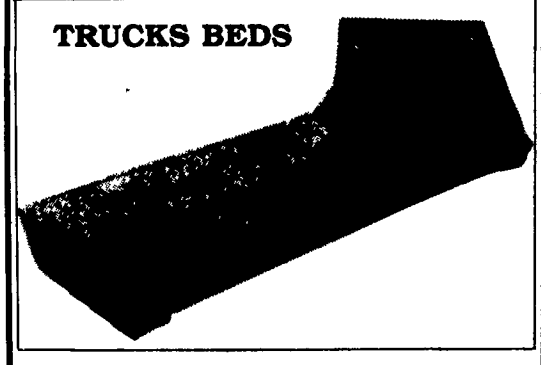

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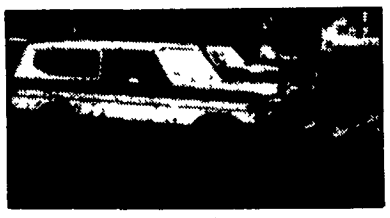

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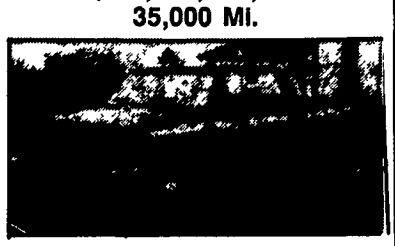

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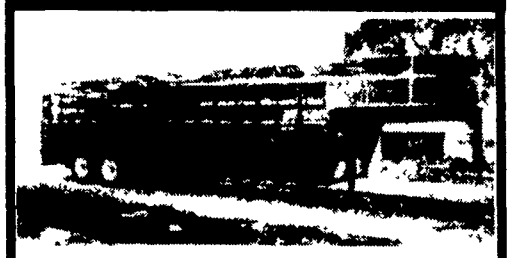

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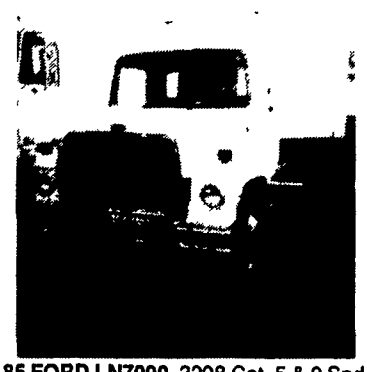

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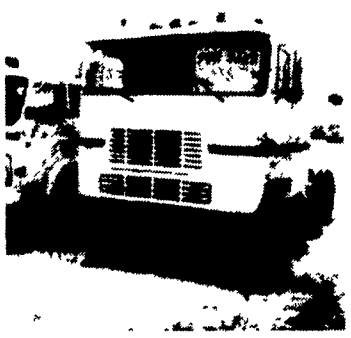

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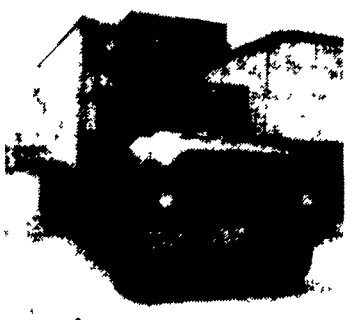

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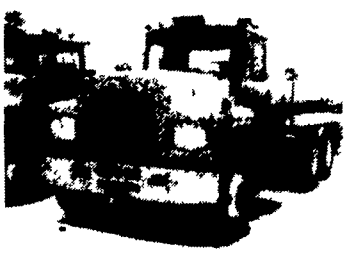

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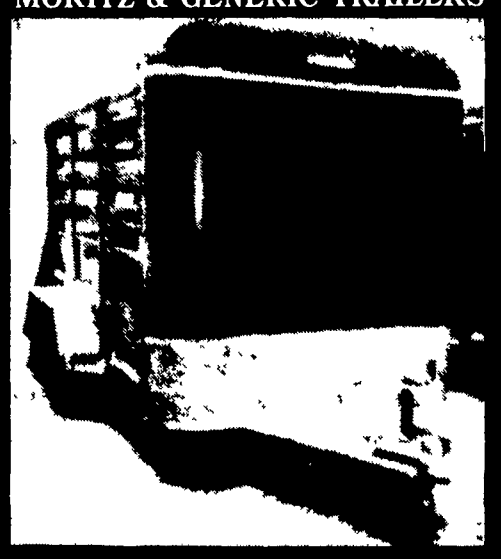

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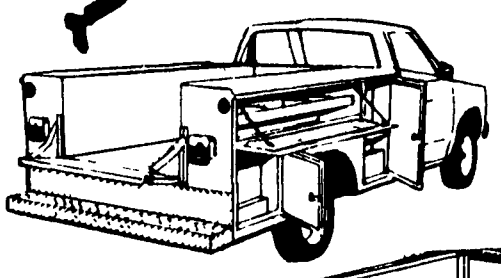

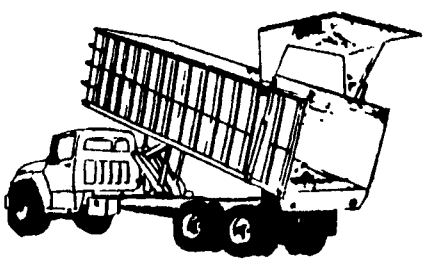

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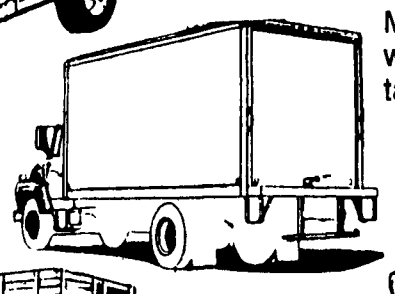

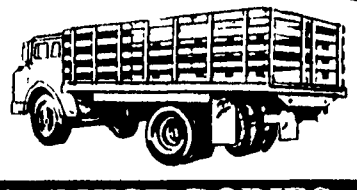

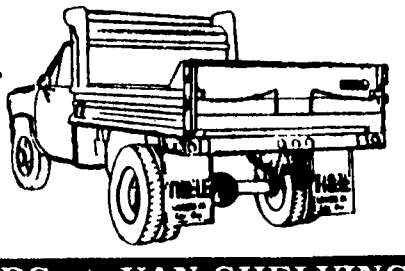

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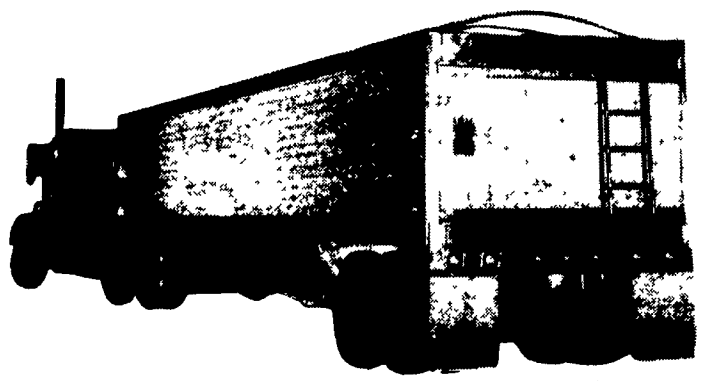

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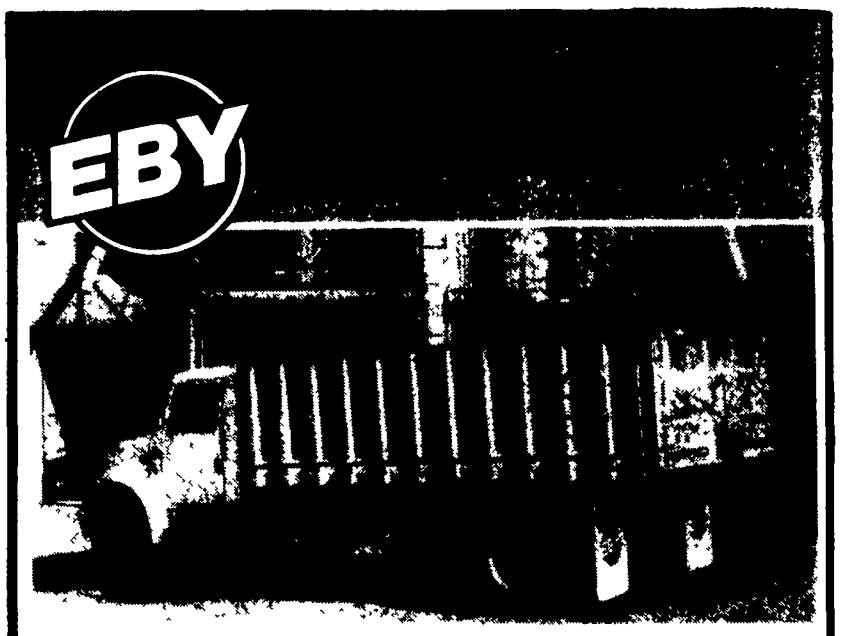

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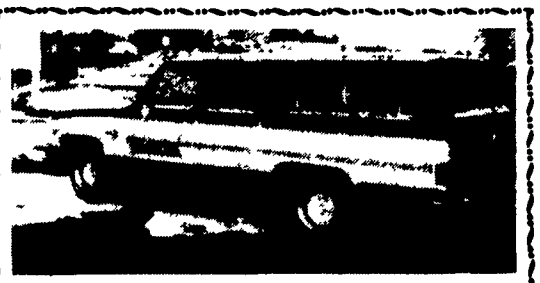

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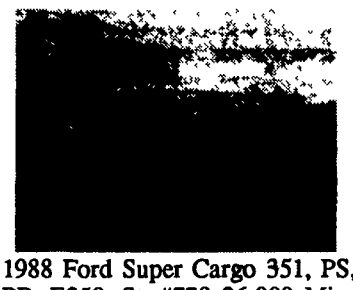
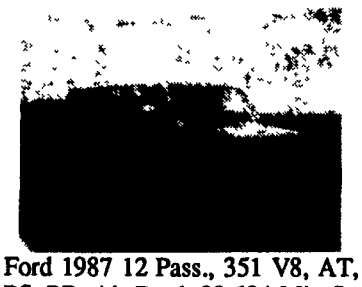


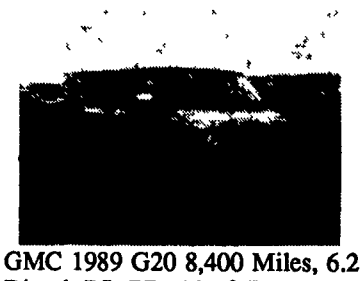
1988 Ford Super Cargo 351, PS, PB, E250, St. #778 26,000 Mi.

86 Chevy Suburban, K20, 4x4, Silverado, 350 V8, AC, Cruise, Capt. Chairs, Privacy Glass, AT, PS, PB, St. #753.

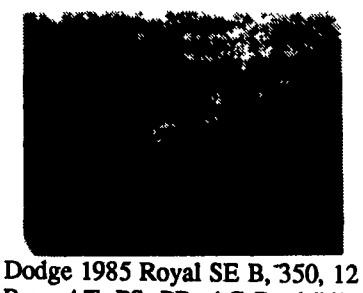


Ford 1987 12 Pass., 351 V8, AT, PS, PB, Air Dual, 39,634 Mi., St. #776.

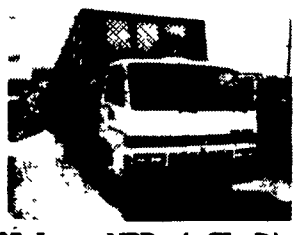
1986 Chev. G20 Beaville 8 Pass., 350 V8, AT, PS, PB, AC, PW, PL, Cruise, Tilt, Privacy Glass.



GMC 1989 G20 8,400 Miles, 6.2 Diesel, PS, PB, Air, 8 Passenger, St. #764.



Dodge 1985 Royal SE B, 350, 12 Pass. AT, PS, PB, AC Dual Tilt, 47,000 Miles, Extra Clean, St. #794.



1987 Isuzu NPR, 4 CL Diesel, Turbo, 16 Ft. Stake Body Dump, 5 Speed, PS, PB, 1,500 Miles.

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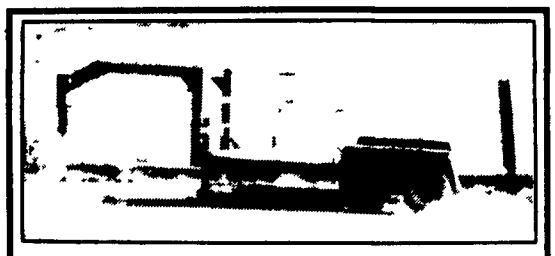

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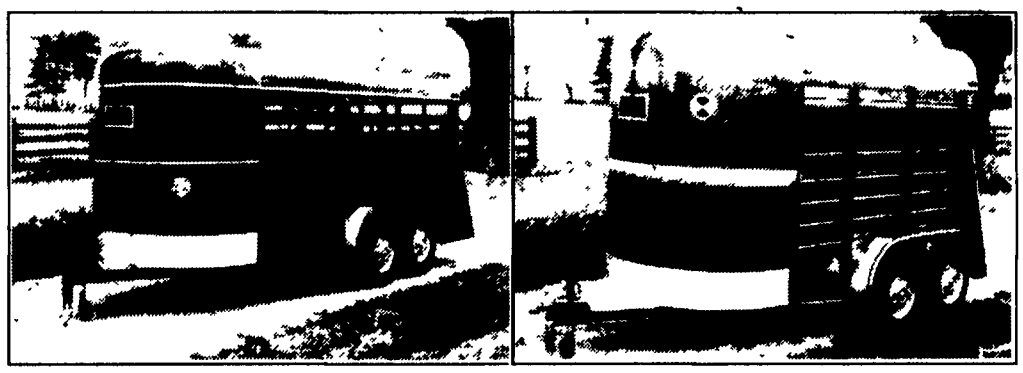

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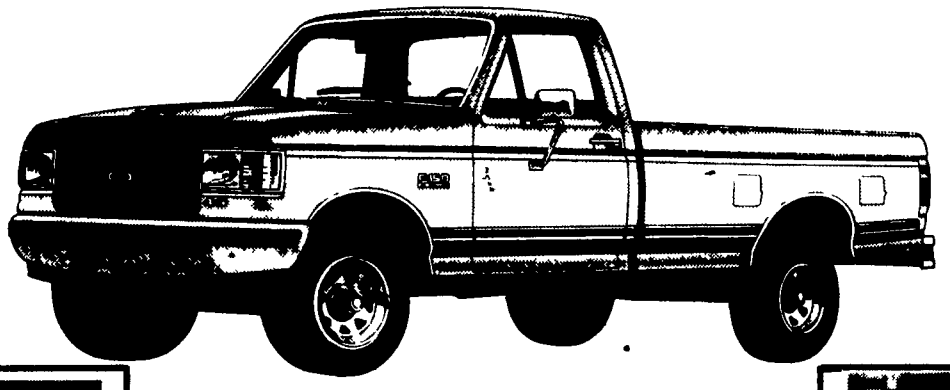

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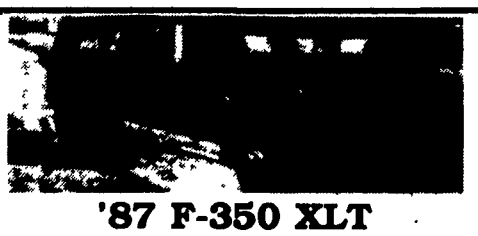

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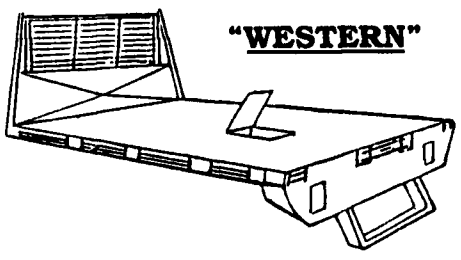

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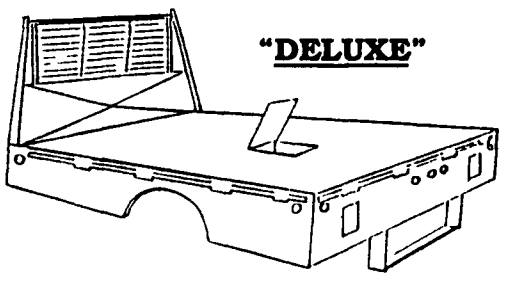

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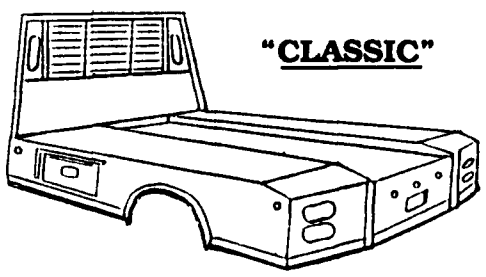

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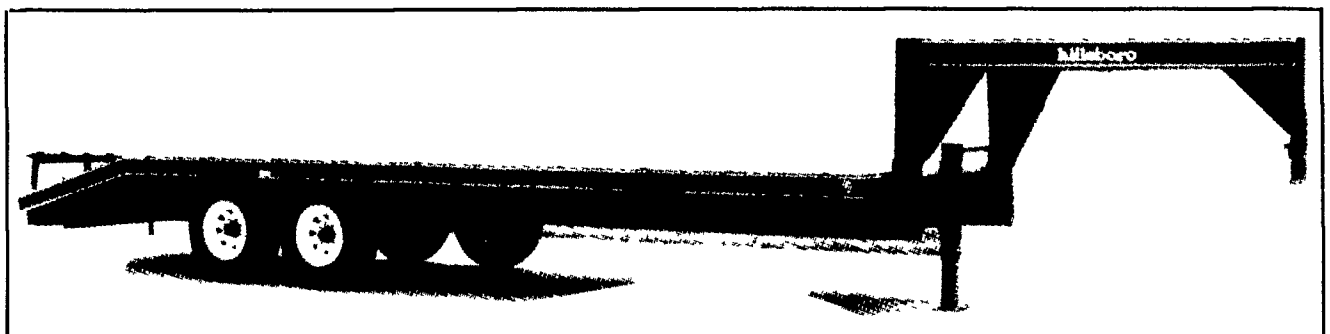
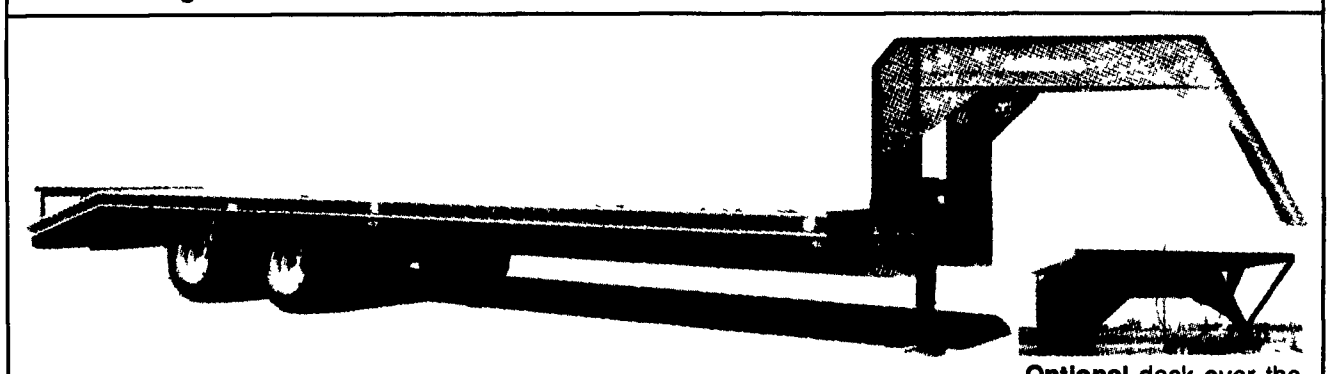


24 Foot Length Shown



28 Foot Length Shown

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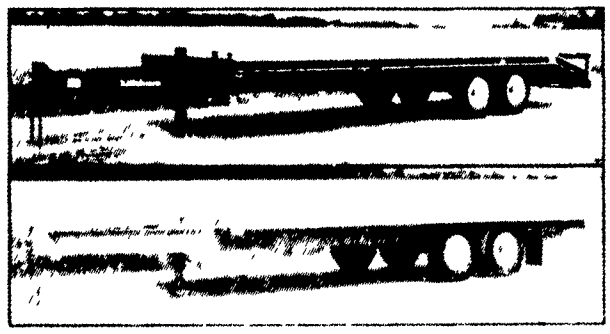

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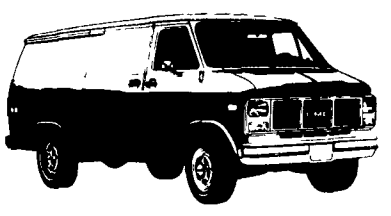

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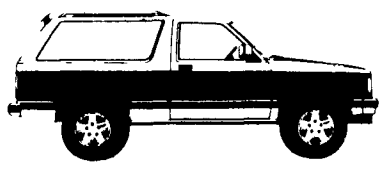

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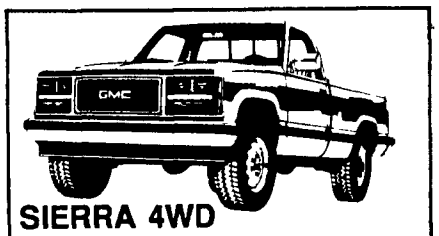

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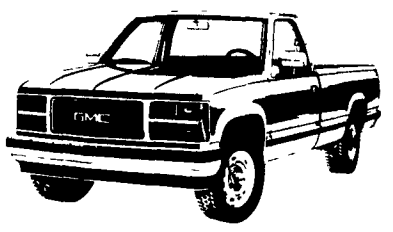

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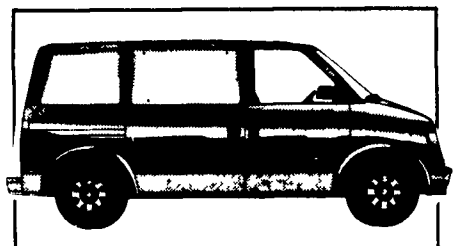

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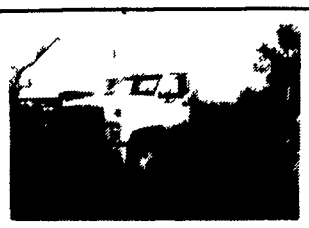

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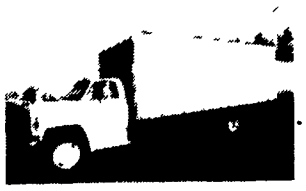

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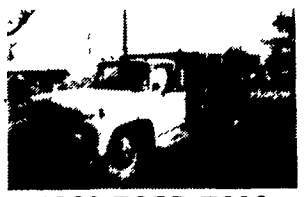

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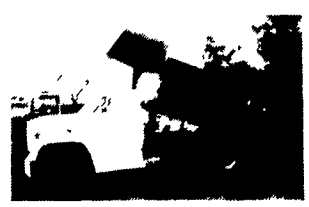

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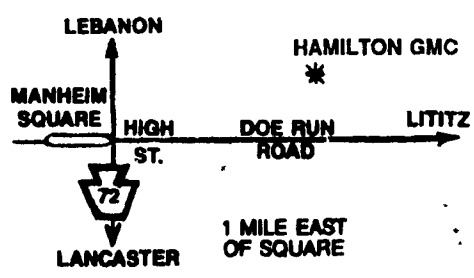

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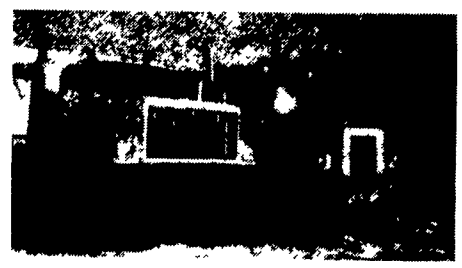

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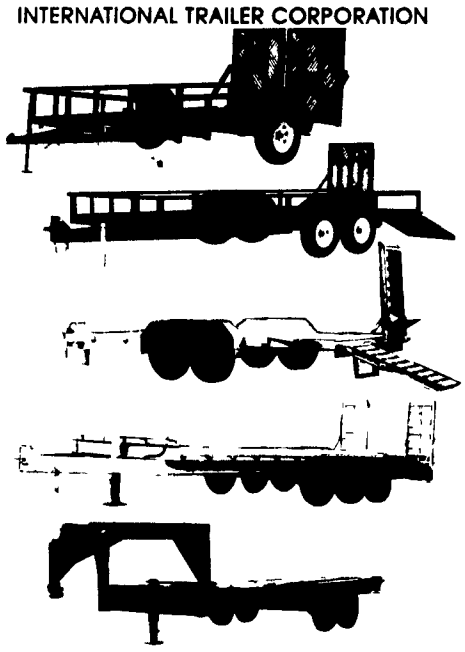

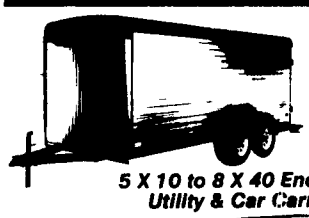

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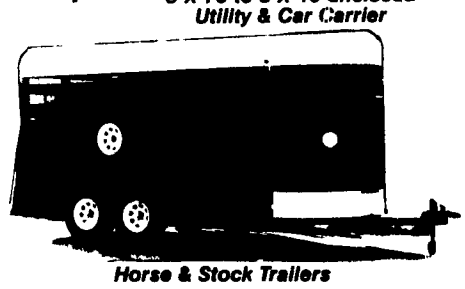

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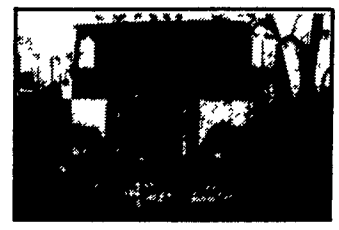
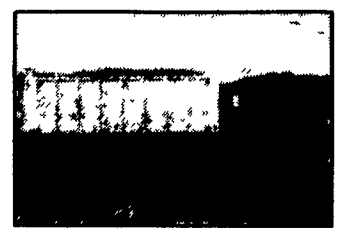


1977 Freightliner
290 Cummins Engine, RT9509 Transmission, FF931 Front Axle, SQHD Rear Axle, Spring Suspension, A/C, AM/FM Radio
$5,900.00

1975 Freightliner
NTC 350 Engine, RTO 12510 Transmission, 12,000# Front Axle. 38,000# Rear Axle, Spring Suspension, Sliding 5th Wheel, 86" Bunk, Air Assist Power Steering, A/C
$4,900



1973 Diamond Reo
NTC 270 Engine, RTO9513 Transmission, FH901 Front Axle, SSHD Rear Axle, Hendrickson Suspension, Excellent Tires, Air Assist Power Steering, Engine Brake, 18Ft. Aluminum Body With Page Lift Axle
$10,900.00

1979 International
Detroit V6 92TA Engine, 350 HP, New Installed In '85, Fuller 9 Speed Trans., 10,860# Front Axle, 19,000# Rear Axle, Hendrickson Suspension, Bendix Air Dryer, P/S, A/C, AM Radio
$6,900

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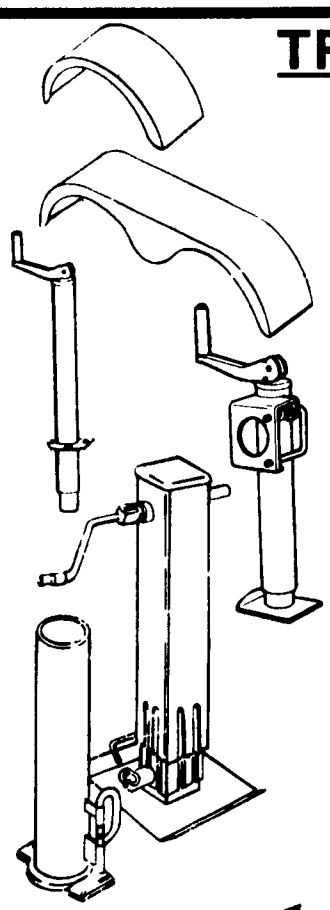
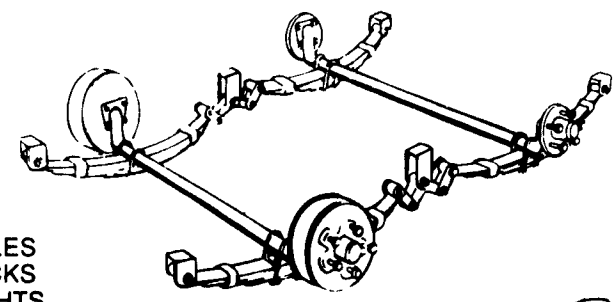
Ephrata, PA 17522

717-738-2444
1-800-732-0019

TRAILER SUPPLIES





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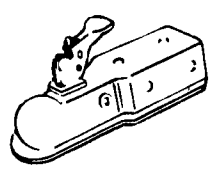

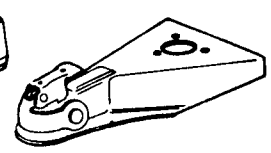

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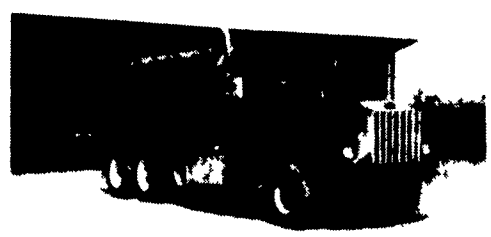
1976 Autocar Liquid Tanker



This Truck Is Completely Equipped

- 270 custom torque Cummins
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- High lift 3rd axle
- 1200R24 tires on drive
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- Dual power steering
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- Air ride seats
- 5,200 gal. pressure vac tank
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- Large aluminum tool box
- Licensed at 73,280 #
- New inspection
- Running daily weather permitting

$39,500 OBO
(complete)
Lanc. Co.
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36 REAL ESTATE

500 Sow feeder pig operation, house, trailer and extra barns. Excellent investment. Farrowing and nursery on wire. $280,000. Tioga Area. Call 717-249-3664.

5 acres w/stream, meadow and some woodland. 2-story, 4BR home, recently remodeled. 20'x40' log storage shed. Mifflin County. Call for more information. (717)899-6430.

62acre farm, 3 miles East of Shippensburg. Hagerstown type soil, ½ mile road frontage. Bank barn, 40x120 loafing shed w/ bunk feeder. 100ft. feeder cattle shed on slats. 38x100 Equipment Shed. 2 story workshop w/garage. 11,000 bu. grain bin w/ drying floor. 20x70 silo w/ unloader. New Cape Cod house, 4BR, 2 bath, brick & vinyl siding. $295,000. OBO. Cumberland Co. 717/532-9090

Central New York Farm for Sale: 228A, 116 tillable, Alfalfa Soil, 53 Stanchion Barn, Pipeline, 625 Tank, 3 Silos, 37 Stall Heifer Barn. Beautiful House. Village water. Some financing Available. Days 607/359-3050; Eve: 607/792-3888

Dairy farm for sale. 167 acres, 100 tillable. 16x60 silo, 32 stanchions, lagoon, corn cribs, equipment shed, and other out buildings. 2½ story house. North of Middleburg. Snyder County. (717)837-3826.

FARM FOR SALE: Northern Potter County, nice house, barn. About 35 acres open. $75,000, negotiable. Edward Ochsner, RD#1, Box 460, Harrison Valley, PA 16927.

FARMLAND! ELIZABETHTOWN, PA- Unheard of price! 55 Acres of farmland. 50 tillable/5 pasture w/stream. MLS#43764. Call Collect for more details. John's Realty, LTD. 717/392-6654 (J)

FARMS, LAND, LOTS western York County. RE-MAX Family Tree Realty. Dick Myers (717)292-1507 or (717)755-8988.

FOR RENT: Modern 85 acre limestone dairy farm w/37 cow tie stall barn, 2 silos, house. Additional 20 acres available. Ideal for ambitious young dairyman. Available April 1st. $1,400/month. Northern Lancaster Co. 717-299-2228

FOR RENT: One acre parking lot, piked & stoned, 4 mile South Carlisle near PPG. Cumberland Co. Zoned industrial commercial. $150 per month. 717-486-7186

For Sale Beef Farm, 85 acres, well drained soils, Finger Lakes area. 315-946-4399.

For Sale: Lebanon County Dairy Farm, 50 tie stall barn, gutter cleaner, pipeline milker, 800 gallon tank, 18x60 silo, 8 room house, 68 acres. $250,000. 717/865-4304

GRAIN FARM, Fulton Township, Lancaster Co. 135Acres, 125 tillable, nice 4BR House. 60x40 bank barn. 717/548-3504

IOWA- Farmland for operators or investment. Ask about tax-free exchange. Clayton Real Estate. Brooklyn, Iowa. 515/522-7355 evenings

Lancaster Co. Farm For Rent, 120 acres, 12 cow parlor w/large free stall. Write to: Lancaster Farming, P.O. Box 609 D26, Ephrata, PA. 17522.

RE/MAX FAMILY TREE:
23 acre farm, 2½ sty, 3 BR, 1 bath house, barn and out bldgs. Private lane very secluded. Reduced $10,000 now $139,900.
22 acre farm, 2½ story, 4 BR, 1 bath house, barn and out bldgs. Private macadam lane. Reduced $20,000, now $169,900.
11 acre farm, 2½ sty, 3 BR, 1 bath stone house, barn and out bldgs. Fenced pasture w/stream. Reduced $20,000, now $159,900.
98 acre dairy farm, 2½ sty stucco/brick house w/ automated dairy operation including 3 silos, barn and fenced pasture w/stream. $335,000.
88 acres of land w/ development potential, along Rt. 30 near Abbottstown, $350,000.
104 acre farm w/2 unit house and barn, frontage on 4 roads including Rt. 30. Zoned part agriculture and balance residential. $520,000.
Call Dick Myers, (717)292-1507 or (717)755-8988.

Small house on farm. 137 W. Queen St., Schoeneck. 2BR, kitchen, DR, LR, oil heat, yard, good reference. $365. Call 215/267-7680

Start your New Year in Florida, move right in! Freshly painted inside and out, 2300 sq. ft., 3BRs, 2 bathrooms, 12x24 pool screened in, extra added outside patio, large family room, eat-in kitchen, cathedral ceilings in LR and DR areas. $80,000. Call (904)683-8857 after 5.

For Sale: 160 Acre Dairy Crawford County, 80 tillable. More land available. Bank barn w/ attached free-stall 60 cow capacity 20x60 sealed silo bunk feeder. Colonial house, 4BDRM, 1½ baths, fireplace, $180,000. Equipment available. 814/694-2230

For Sale By Owner. 134 acre dairy-grain farm, 6 mi. NW of Gettysburg, PA. Scenic farming area, 2 story brick Civil War farm house, pond, stream, bank barn, dairy barn, 3 car garage, chicken house and metal machine shed. Approx. ¾ of a mi. of Twp. road frontage. Asking $415,000. Possibilty of 39 acre adjoining parcel for sale also. Phone 717-677-8893.

24 acre farm
Lykens Valley, secluded, stream, pond, house and barn, never failing spring.
(717) 362-9233

WANT TO PURCHASE
Farms in Lancaster Co.
717-393-0646
Ask For Dave Skidmore

CABIN FOR RENT
Mountain Cabin McClure, Pa., Mifflin County on 315 acres, utilities. Great for families, hikers, turkey, bear & deer hunters
$150/Weekly
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Upper Dauphin County, R.D. Halifax. Ninety acre farm with buildings, ponds and streams. Lots of road frontage.
Don Miller, Agent
717/896-3252
JCT Realty
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Farm For Sale
Bethel Township
Berks Co.
68 acres more or less with 2500 feet of road frontage. May be subdivided. Includes 8 room frame house, barn, 2 ponds and stream.
717-866-7565
call for information

TOP DOLLAR PAID FOR LAND RENT
Lancaster & York Counties
James Garber & Sons
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POTTER COUNTY FARM
138 acres, 100 cow free stall barn, 3 silos, 80' bunk feeder, 60 cow per hour parallel parlor
Phone 8 AM
814-848-7460

FOR SALE
43A in Southeast Potter County, 3 Sides Border State Forest Land.
Borders Rt #'s 144 and 44
Oleona
$49,000 Firm
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336 Potter County Dairy Farm
78 cow pipeline, 3 silos, good corn & alfalfa growing. Good milk market.
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FOR RENT
Lancaster County Woodwork Shop w/office
6,000 square feet,
3 phase electric.
Conveniently located in Reamstown
(717) 397-9727

NEW YORK STATE PROPERTY FOR SALE
Stuben Co., Avoca- 12 mile Creek Road/ Mattice Road. 121 acres, 50 acres open, 8,000 ft. road frontage, excellent hunting. 4BR Colonial, downstairs remodeled. 2 large barns, old schoolhouse. **Rich Kraft**
$104,900 716/367-2742
Dick Kraft Real Estate
42 E. Main Street
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FARMLAND- LONDONDERRY TWP. PA- 124 Acres Dairy Farm, Large & small barn, silo, 4BR/1B home, box stalls, and 28 stanchions. Call Collect MLS#42110. John's Realty, LTD. 717/392-6654 (w)

WANTED: Dairy Farm to lease purchase or rent with herd. Will consider all offers after 7PM. Ernie 215/536-1047

Wanted: Dairy Farm Lease w/option to buy, or Buy with owner financing. Have cattle and machinery. 301/223-6872

SOUTHERN SOMERSET CO., PA.
100 acre Dairy or General Farm. 70 acres tillable, balance pasture & woodland. Level to gently rolling. Excellent alfalfa & corn ground. 40x70 barn w/35 tie stalls. 30x60 machine shed. 3 BR frame house + other outbuildings. $139,500.
Phone 814/926-4303

FOR LEASE
10,000 sq. ft. manufacturing facility on 2½ acres with housing available in Lancaster County. Ideal for manufacturing of storage barns, gazebos, etc.
Call evenings
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DAIRY FARM BEDFORD CO.
Double 4 parlor, Boumatic milking system, Clay stalls, 1,000 gallon tank, 68 free stalls, liquid manure system, 20x75 & 18x60 Fickes silos, TMR, feed bunk w/ feeder, new shop, 12x60 corn crib. Nice 6 bedroom 2 bath, 2 story house, hot water oil & wood heat. 112 acres, 65 tillable, 30 pasture. More land available to rent. Make Offer.
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Peacefully secluded farmette on rarely travelled township road offers newer double wide, horse barn, lots of great country isolation for horse farm or summer home. Approximately 140 acres.

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Eric L. Beard, Broker
Mary C. Heltzenrater, Sales Associate

FOR SALE
CUMBERLAND COUNTY
THREE FARMS
TOTAL 262 ACRES
Prime Hagerstown soil, no rocks, creek frontage for irrigation, all boundaries join, lots of road frontage. 3 mi. from Carlisle. Will sell separately or all.
Serious inquiries only.
Call evenings after 6 PM
717-243-0798
#1 77 Acres, house, barn, 4 silos, beef feed lot operation. 2 wells.
#2 100 acres, barn only.
#3 85 Acres, barn only.

FRANKLIN COUNTY DAIRY FARM
35 Miles North Of Chambersburg, Penna., Concord Area
88 ACRES, 50 TILLABLE,
Balance Pasture & Woodland,
10 Acres Of Hardwood Timber
2 Story, 4 Bedroom Home, 2 Story Bank Barn With A Cement Block Foundation And A Hip Roof, Pipeline And Milking Equipment, Cattle/Machinery Pole Shed 6000 Feet Of Stream Frontage, Nice Setting, Very Secluded With Easy Access.
Additional Land For Sale Or Lease,
Priced To Sell At $144,800.00
LONG REAL ESTATE
Phone: 717-527-4784, or
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JUNIATA CO. LAND FOR SALE
- 2 choice 1 acre building lots, minutes to Snow Peak. Price reduced.
- Choice hunting camp or retreat parcels near SGL. Just $1500 per A.
- 50K broiler [illegible]ration o[illegible] to expand.
- Also access to beef & dairy farms.

"SALES AGREEMENT"

Call Charlie Brooks
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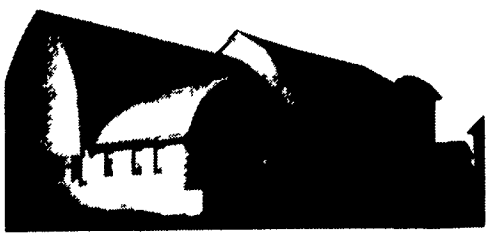
717-627-2325 or 717-436-8431

FOR SALE
Panoramic view of White Face Mt. ski area, Property consists of 135 acres, surveyed, 2 babbling brooks 7 possible building lots. Only 15 minutes from Lake Placid, 5 minutes from White Face Mountain largest ski center in the state of New York. Financing terms available. $195,000 Shown by appointment only.
(518) 647-8356
after 8 o'clock p.m.



A complete rural package for dairy, beef or horse farm! This 400± acre farm features main farmhouse, tenant home, dairy barn, numerous outbuildings; nice land with beautiful views, ponds, woods and bordering State Game Lands. Give us a call for details!

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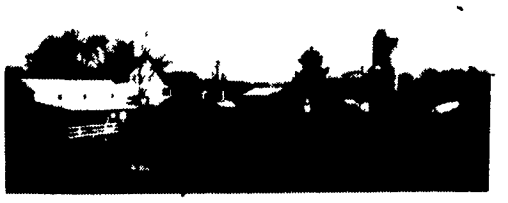
CENTRAL PENNSYLVANIA FARMS, FARMETTES, LAND AND CABINS
Our Farm and Land Division currently has many farms, farmettes, land parcels, and cabins available in central Pennsylvania. We would be happy to send you a free farm and farmette list and/or rural land and cabin list.
See the November 25 or December 30 issues for a complete farm and farmette inventory.

Farm and Land Division

Fred Strouse	(814) 364-1705
Scott Yocum	(814) 466-3150
Terry Gingher	(814) 364-1169

KISSINGER LEONARD & BROWER Realtors
245 S. Allen St., State College, PA 16801
(814) 234-4000



SOUTH FULTON COUNTY
92 acre m/l Dairy Farm with freestall barn, milking parlor, calf barn, dry cow barn, heifer shed and other outbuildings. 2½ story, 4 bedroom house. Call listing agent Ed Meyer for details and free brochure.

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50 Alexander Spr. Rd.
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75 acres farm land Northern Dauphin County, Lykens Valley
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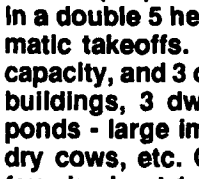
Farms
Lancaster & Surrounding Counties.
Call
717-653-5552
Ask For Howard Boyd

FOR SALE
Lancaster Co. Dairy Farm
76 Stanchion Barn
4 Silos, barns
5 Bedroom house
132 acres tillable
Call Dave Skidmore
717-393-0646
Hogan & Assoc.



Seasons Greetings

Longacre Farms and Country Acres

Paul M. Longacre Real Estate
Rt. 100 Hereford, PA 18056
215-679-5919

Investors - Farmers - Approx. 650 acres of prime land located in Southern York Co Good producing soils, excellent state of cultivation, stream. Call for more details. List #LF6371
Southern York Co.- 114,000 Bu Grain Storage, Drying, Shelling, Cleaning, Unloading Facility on 3 9 Acres. Priced to sell for $75,000 (L6339-13)

MEMBER MLS
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FARM FOR SALE

SUBURBAN REALTY
FARM DIVISION
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Annville, PA 17003
717-867-4487

6 acre alfalfa field in Lebanon County, PA. Perk tested for sand mound system. $42,500
Call
Nelson L. Ebersole
at 717-867-5221

WRITE OR CALL FOR BROCHURE OR FARMS & LAND.

UPSTATE NEW YORK BEAUTIFUL FINGER LAKES AREA

186 acres - 30 stanchion barn with basement room, barn needs some work, bulk tank, cleaner, 5 bedroom home with water, bath, furnace. $125,000.00.

75 acres - small barn - Asking $50,000.00.

144 acres - 50 tie stall barn - harvestor - cleaner- tank - box stalls, 8 room home.

250 acres - 52 tie stall barn - 70 free stalls - 2000 gal. tank - 2 silos - corn crib - 14 room home - excellent water supply.

135 acres - 2 large barns - 8 room home - fruit and veg. stand, established business over 30 years.

330 acres - strips ½ mile long - tile - new seeding alfalfa - 40x140 pole barn - 36x36 shop - main barn has free stalls with 2 on a side parlor - 10,000 and 6,000 bu. grain bins - 8 room home - gas heat.

Call ANYTIME - If not there - we will be.
J.R. ALLEN, BROKER
Dundee, N.Y. 14837
607-292-3180

150+ ACRE FARM

#307 - Nestled among mature trees overlooking a spring fed pond, this vintage Victorian farmhouse awaits those looking for a serene setting. Located in Northern York County featuring 150+ acres of gently rolling land, this property also features numerous outbuildings including 44'x100' bank barn. Presently utilized for a beef and hog operation this farm has tremendous development potential. Call The Homestead Group of York, Inc. at (717) 757-5646 and ask for Vicki or call 292-5468.

The Homestead Group of York Realtor Inc
MLS EQUAL HOUSING OPPORTUNITY
2200 E Market St York Pa 17402
717-757 5646

Yes, we have a large dairy farm (1132 acres — 300 cows) for sale. Call for details.

ALSO

Lebanon County modern dairy farm in high state of cultivation, 220 AC (m/l) w/195 tillable acres. Dairy barn has 130 free stalls in a double 5 herringbone parlor 10 Boumatic units with automatic takeoffs. 3-Harvestore silos and Slurrystore w/6 mon. capacity, and 3 concrete silos plus a trench silo. 2 sets of farm buildings, 3 dwellings with modern conveniences - 3 farm ponds - large implement shed - 3 other barns for heifers and dry cows, etc. Can be purchased as turnkey operation. The farm is about 1 mile off an interstate highway - call for details.

Jesus Is The Reason For The Season

MAHLON OBERHOLTZER AGENCY
Your Central PA Farm Broker
Smoketown, PA
717-392-1177

TIOGA COUNTY

98 acres wooded & open. Magnificent views w/southern exposure. Exc. hunting or hobby farming. Dream on at - $63,500 #1054.

A-frame camp on 3.07 acres in Morris-Blackwell area, 2 bdrms, bath, Lr, kit, 2 car garage, exc. hunting area $38,500 #1053

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Wellsboro, PA 16901
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TOP SELECTION OF DAIRY & OTHER FARMS IN THE MOHAWK VALLEY IN CENTRAL NEW YORK

Michael A. Sulik, Broker

- CALL FOR FREE CATALOG
- OVER 200 FARMS AVAILABLE

Farm and Rural Property Specialists.
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Auriesville Rd. • RD 1 • Fultonville, NY 12072

So. Northumberland Co. & Surrounding Counties

Large remodeled colonial. 3 barns, 10 acres, more acres available. Owner Financing, Easy Terms.

Large colonial. 3 barns, 170 acres. Owner Financing, Easy Terms.

36 stanchion dairy barn. 2 silos on 25 acres, 20 tillable, 5 acres in corn, no home, septic for trailer. Only $79,000 - Possible rent option.

300 steer feedlot. 3 Harvestores, 8 acres newly fenced. Owner financing. $77,000.

47 acres. mostly clear farm land, stream thru, excellent for Christmas trees. No Down or Rent Option. $69,000.

Snyder County: 3 acre farmette, 3 bdr. 90 year old home-in excellent condition, 1½ baths, fireplace, in-ground pool & barn. Beautifully landscaped. Located on a side road. $155,000.

Wooded Acreage
Clinton Co.
75 acres $50,000. State Forest on 2 sides.
569 acres $240,000.
448 acres $180,000.
2,200 acres $840,000. 4 sides State Forest.
10,085 acres $4,000,000. 3 sides State Forest.
Centre Co.
424 acres $180,000. 2 sides State Forest.
390 acres $180,000.
2,347 acres $1,200,000. Near Interstate 80.
1,521 acres $600,000. State Forest 3 sides.
845 acres $360,000.

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Real Estate Herndon, PA 17830
Peter B. Cortelyou, Broker 717-758-9177

Videos Available On All Properties!

THE **REAL ESTATERS OF MANSFIELD**
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Evening - 659-5849
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THE BACK 100
Will excite you. An excellent tract for hunting & recreational use. As you cross over Catlin Hollow Creek flowing through the property you enter all the beauty of an enchanted forest. Just $66,900 M-510.

AVIATORS PARADISE
This 46± acre parcel is close to the Tioga airport. Sewage work to be completed. Excellent hunting at hand and 3-4 miles to lake. Only $695 per surveyed acre. M-642

POND, VIEWS AND BARN
From this 71± surveyed tract in Jackson Twp. minutes to Pine City, Elmira and Millerton. Over 1000' of Twp. road frontage. Electric on property Appvd. sewage site. 2 story bank barn for heifers, beef or horses. JUST $49,900. M-511

INVESTMENT LAND
Located in small town of Covington has tremendous subdivision possibilities down the road. Land lies in both Putman & Covington townships and is flat to rolling. Priced right at $45,900. M-614

BEAUTIFUL FINGER LAKES AREA

DAIRY FARM, 128 cow capacity, 110 tillable acres, 84x160 newer barn, cow ties & stanchions, double 3 milking parlor, 2,000 gal. bulk tank, barn cleaner, 24x70, 20x60 & 16x50 concrete silos, machine barn, stately older home, 8 bedrooms, 2 baths, large family style kitchen w/dining area, 2 living rooms, 2 bdrms, down and 6 up, all have closets, some w/walk-ins, double garage, $395,000. #2991 Additional acreage available and 2nd home.

FARMETTE, raised ranch home, 3 bdrms, 1 & ½ baths, eat-in-kitchen w/built-ins, din. rm, spacious liv. rm, finished lower level, attached 2 car garage, new 12x18 deck, set on 15 acres with pond and 60x80 1 story barn, excellent for horses or few head of beef cattle. $89,000. #2990.

FARMETTE, 25 acres, 11 acres forest, pond, 2 barns (like new), 7 room split level home, 4 bdrms, 1 & ½ baths, eat-in-kit w/beakfast bar, din area, large liv. rm , family rm, den, deck overlooking inground pool, scenic area, $115,000. #2954.

90 ACRES, 14' deep stocked pond, 75 acres forest, bal. tillable, 3 bdrm cabin/chalet, eat-in-kit w/ appliances, liv rm, deck, scenic secluded area, $70,000. #2967.

MAKITRA REAL ESTATE, INC
4 West Steuben St. Bath, N.Y. 14810
Fax 607-776-6665
24 Hrs. 607-776-2468
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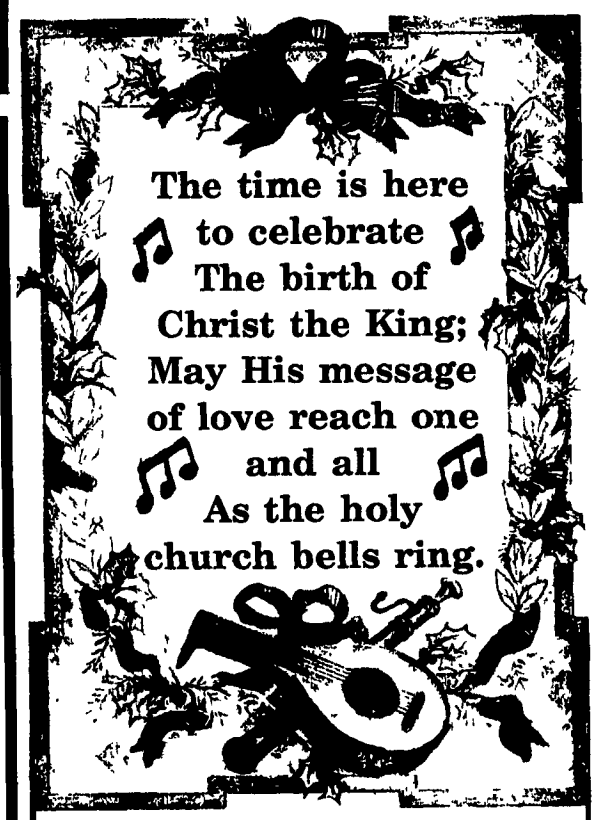

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UNION COUNTY
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* 9 acres, with a 20 unit storage building for rental income presently grossing $1,000.00/month - $275,000.00

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BENTON COUNTY

152 Acres, 141.5 tillable, 2 miles south of Free $1575/ac.

200 Acres, 193.3 tillable, northeast of Fowler $1350/ac.

FOUNTAIN COUNTY

99.3 Acres, 99.3 tillable, 4 mi. south, 1 mi. west of Attica $1933/ac.

179.3 Acres, 111.6 tillable, 1 mile northwest of Wallace $815/ac

JASPER COUNTY

40 Acres, 31.6 tillable, 15 miles northeast of Rensselaer, 140 Sow farrow to finish total hog facility $230,000.00

99.5 Acres, 94.6 tillable, 6 miles west of Rensselaer $1256/ac.

165 Acres, 136 tillable, one mile south of Rensselaer $1000/ac.

173 Acres, 170.5 tillable, northeast of Rensselaer, excellent soils, 3 bedroom 2 bath ranch home, other outbuildings $2086/ac.

176 Acres, 163.8 tillable, 4 miles northeast of Goodland $1250/ac.

MIAMI COUNTY

85 Acres, 79.7 tillable, south of Peru $1318/ac.

NEWTON COUNTY

77.5 Acres, 76.7 tillable, five miles northeast of Brook $2012/ac.

80 Acres, 78.5 tillable, north of Brook $1300/ac.

1036 Acres, 982.5 tillable, (5 TRACTS), Kentland $1750/ac.

PARKE COUNTY

78.5 Acres, 69.9 tillable, five miles northwest of Waveland $1785/ac.

103 Acres, 93.5 tillable, E of Marshall, hse, bldgs, 2 silos $1500/ac.

410 Acres, 262 tillable, S of SR 234 on Hwy 41, Nice home, lge cattle feedlot, hog finishing bldg, calving barn, lge. grain storage $1400/ac.

PUTNAM COUNTY

226.9 Acres, 215.5 tillable, northeast of Greencastle $1450/ac.

VERMILLION COUNTY

165 Acres, 57.2 tillable, northwest of SR 234 and Hwy 63 $454/ac.

WABASH COUNTY

320 Acres, 284.4 tillable, 2 TRACTS, northeast of Urbana $1523/ac.

WARREN COUNTY

80 Acres, 79 tillable, 10 miles northwest of Williamsport $1994/ac.

WHITE COUNTY

38 Acres, 33.5 tillable, northwest of Monon $1150/ac.

133.5 Acres, 133.5 tillable, northeast of Wolcott $1150/ac.

154 Acres, 152 tillable, northeast of Wolcott $1250/ac.

157.2 Acres, 149.1 tillable, southwest of Wolcott, nice 3 bedroom 2 bath home with fireplace $2598/ac or 155/ac (land only) @ $2200/ac.

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58 acres + or - mountain land in upper Northumberland Co.

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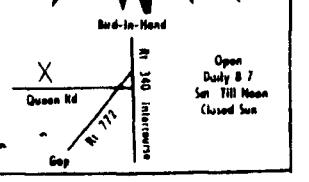

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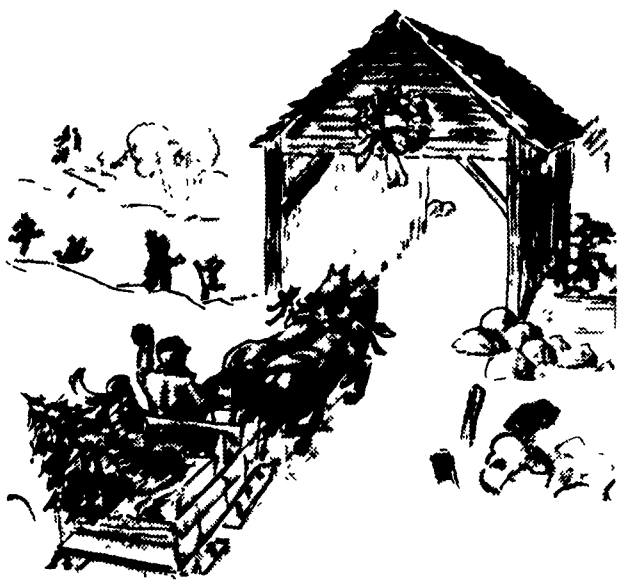

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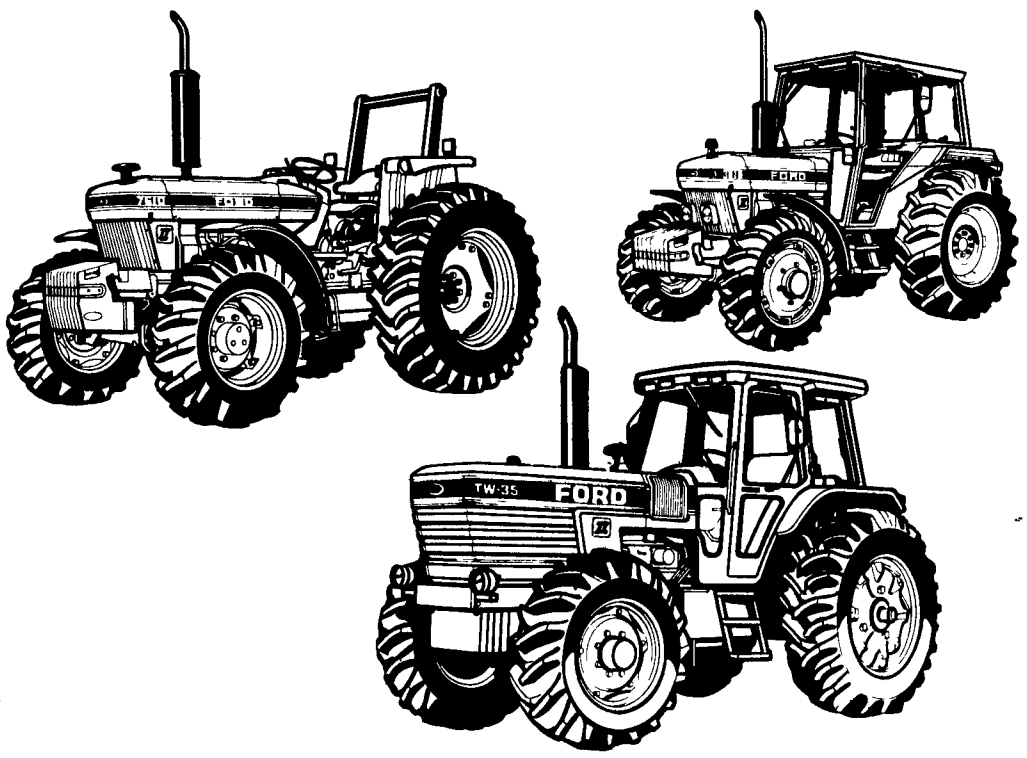

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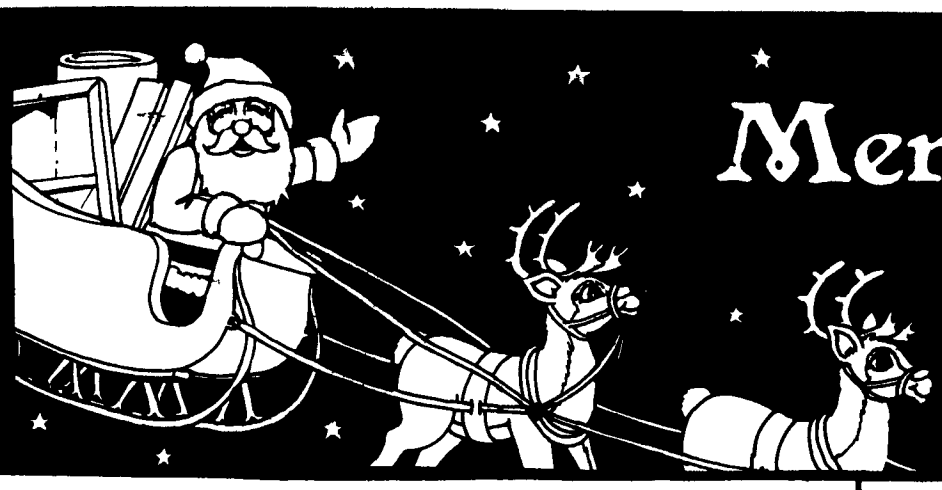

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4x4	3.89	5.89	6.39	6.99	8.69	—	—	—	—
4x6	6.99	8.29	10.69	11.99	14.29	18.99	23.69	—	—
6x6	12.49	15.29	18.29	19.99	24.99	29.49	35.89	49.99	57.99
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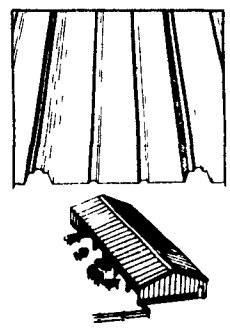

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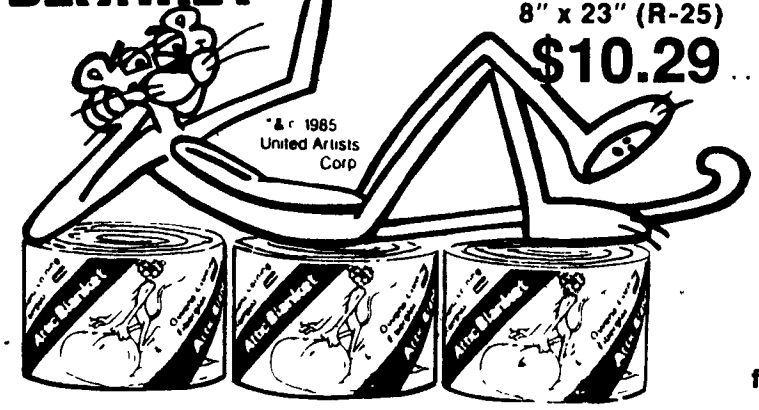
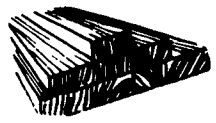


Higher R values mean greater insulating power. Ask us for the fact sheet for R values

DIMENSION LUMBER



	8'	10'	12'	14'	16'	18'	20'
2"x4"	1.59	2.17	2.60	3.03	3.68	4.20	4.67
2"x6"	2.72	3.40	4.08	4.76	5.44	6.57	7.30
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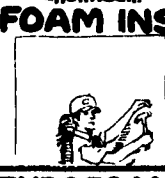

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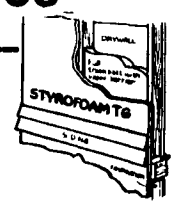

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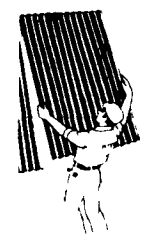

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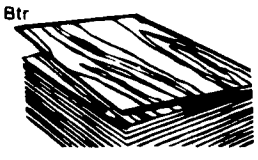

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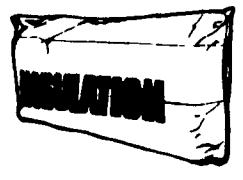

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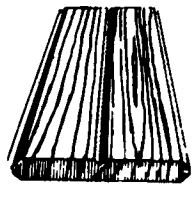
- Grade #3

34¢ PER LIN. FT.



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CARTER 1989

Plan A System That Works Efficiently At Harvest

MOLINE, IL — There is absolutely no doubt in Jim Gastel's mind about what is the heart of any farming operation. Now that harvest season is almost over, it may be the best time to analyze your farm's total system.

"After the human factor of course, it's the harvesting 'system'," says Gastel, head of J.F. Gastel & Associates, a consulting engineering firm specializing in designing and evaluating grain harvesting and handling systems. "All the planning and management practices in the world won't be fully utilized if the harvest system can't keep up or is highly inefficient.

"Without an efficient harvesting system, potential profits are not fully realized or utilized," he says. Wasted harvest time can result in wasted or lost income."

Gastel places considerable emphasis on the "system" portion of harvesting. He identifies six distinct functions within any harvesting system -- harvest, hauling, dumping, drying, conveying and storage.

For peak efficiency and "stay ahead of the game" performance all functions must be "in-tune."

The Combine

Although all functions within the harvesting system are dependent upon each other for a smooth, efficient harvest, Gastel stresses that machine capacity is the key ingredient for a successful harvest.

"The combine is where the harvesting system begins," says Gastel. "The harvesting capacity of the combine should not overpower the rest of the system."

There are many factors which affect the overall harvesting capacity of a combine; not all of them are mechanical. "Crop condition is probably the biggest factor affecting capacity," says Gastel.

"Crops that are down or lodged take longer to harvest. Moisture levels also determine combine settings and speed," he adds. "Weather, of cours, is always a big consideration, but it's also necessary to evaluate field conditions and topography."

A combine chosen for its versatility under a wide variety of field and crop conditions helps the harvest system flow efficiently, suggests Herman Jasper, factory marketing manager for John Deere Harvester Works. "Continued refinement of harvesting technology will provide even greater power and capacity versatility to meet individual farm operating needs.

"We've just about reached the limits of physical combine size," he says. "Refinements will come in crop feeding, threshing and grain cleaning systems within the combine; as well as in maintenance, integrated monitoring systems, and control systems."

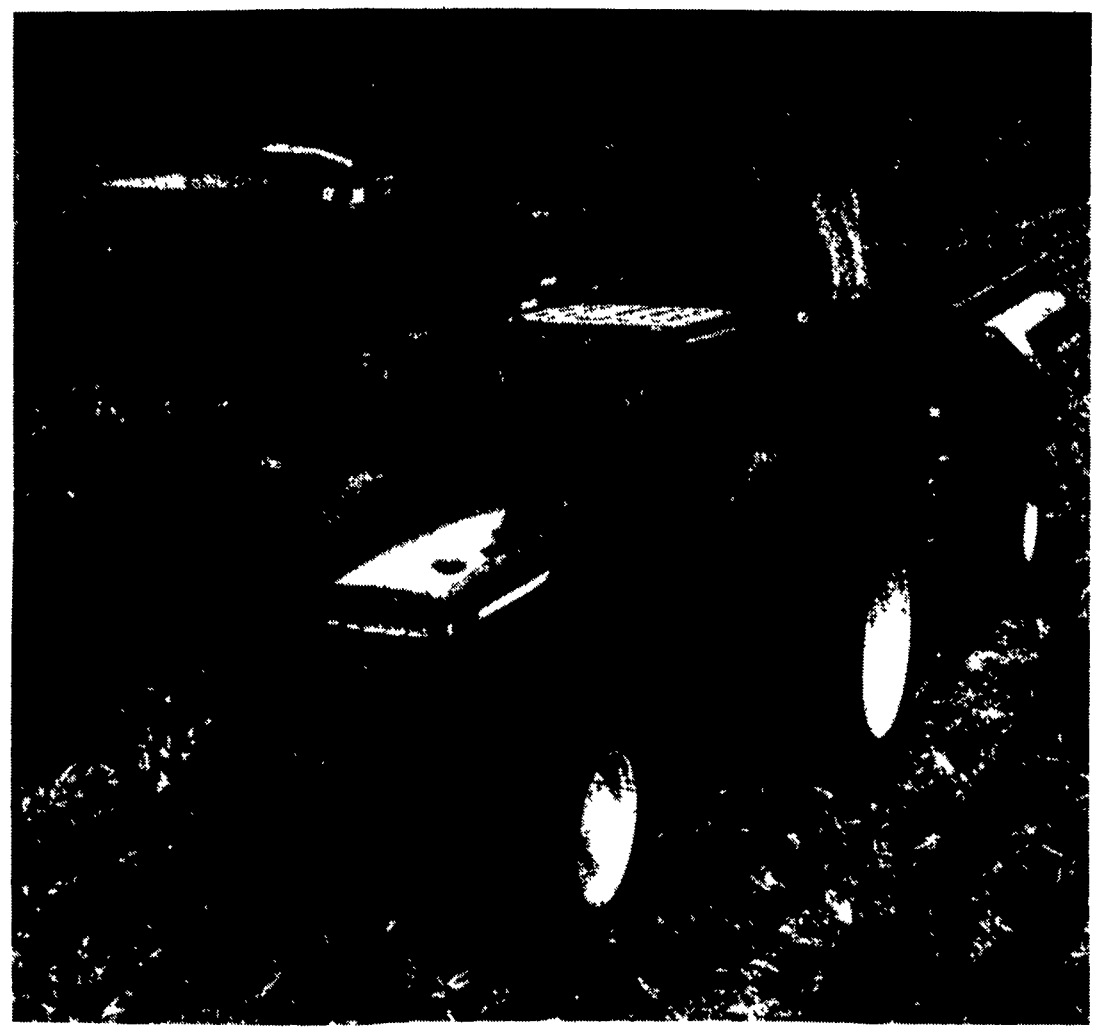
These refinements will allow the combine to mesh even more efficiently with other harvest system functions.

Erasing Bottlenecks

Inadequate hauling equipment can create harvest bottlenecks, says Gastel. "On many farms, particularly in high-yielding corn, combine grain tanks can be filled in 10 minutes or less.

"Waiting just a couple minutes to unload the combine can waste up to 30 percent of a combine's available capacity. In this case we

(Turn to Page C3)



Inadequate hauling equipment can create harvest bottlenecks. On many farms, particularly in high-yielding corn, waiting just a couple minutes to unload can waste up to 30 percent of a combine's available capacity.

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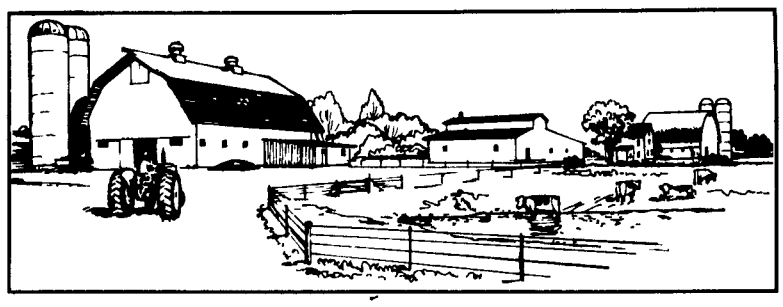

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Plan A System

(Continued from Page C2)

need to look at increasing hauling capacity."

When evaluating grain hauling needs, consider average field-to-unloading distances and general road conditions. Hauling distances and road conditions are directly related to turnaround time, and ultimately efficiency and safety. Adequate hauling capacity will permit well-paced round trips between the field and unloading sites.

At the grain unloading and drying facilities the various harvest system functions really begin to fit together, says Gastel.

"Unloading facilities should be designed around grain drying capacity, but don't forget combine and hauling capacities since they essentially determine how fast grain arrives from the field.

"Unloading and drying systems should be able to keep up with the combine and hauling equipment," says Gastel. "Drying capacity depends largely on grain moisture levels which are rarely constant throughout harvest. Consider average moisture levels and yields, and combine capacity, when designing a system."

Gastel points out that the dryer does have the advantage of being able to operate 24 hours a day, and during periods when the combine is unable to operate. "It's a good idea to design plenty of wet grain holding capacity into the system if possible. This will allow the dryer to keep running even if the combine isn't; and will increase harvest efficiency."

The final two functions in the harvest system, conveying and storage, should be evaluated relative to average dryer output and the average number of bushels that will be stored on the farm.

"Usually, conveying and storage don't interfere with harvest," says Gastel, "but in the last few years with more temporary, on-farm storage, they must be considered part of the harvest system. Some temporary storage facilities are not as convenient as permanent structures, and often require additional manpower and time to fill. This can affect overall harvest efficiency."

Obtaining desired harvest efficiency may take a bit of extra planning, but the results should be pleasing. Choosing a combine with the versaility to handle any field and crop condition, and working out potential bottlenecks in handling and storage areas will go a long way to helping you stay ahead at harvest.

Kutztown Young Farmers Hold Corn Contest

KUTZTOWN (Berks Co.) — The Kutztown Young Farmers held their annual corn contest meeting November 21 at 8 p.m. in the vo-ag department at the Kutztown Senior High School. Sixteen entries competed for top billing in the yield and quality categories. Steven Smith, manager of marketing services for Hoffman Seeds, judged the event. Sponsoring prizes for the contest were Pioneer Seeds - Norman Kurtz, Doeblers - Agway Showmakersville, Reading Bone, Albright's Mill, Oley Valley Feeds, DeKalb - David Bitler, Hoffman Seeds, Muncy Chief - Keith Treichler, Agway Leesport, Brown's Feeds, CPS Fertilizer and Cargill Seeds - Raymond Reinnert.

The corn yield contest was won by Robert Tercha of Mertztown with 189.9 bushels per acre. The variety he planted was Doeblers 75X. Second place was won by Kathy Schantz of Alburtis with 186.2 bushels per acre. The variety was Pioneer 3358. Third place was won by Kenneth Schlegel of Fleetwood with 177 bushels per acre and the variety was Pioneer 3295.

David Schantz of Alburtis won first place in the quality category with his variety Pioneer 3358. William Boyd of Mertztown won second place with his Doeblers 75X variety. Donald Lorish of Alburtis won third place planting Doeblers 75X.

Election of officers preceded the corn contest. The 1989-90 chapter officers are: Robert Tercha, president; William Boyd, vice president; Kathy Schantz, secretary; John Mertz, treasurer; and Donald Lorish, reporter. Elected to the advisory council are Norman Kurtz, Dalton Biehl, Ernest Angstadt, Kenneth Sanner and David Schantz.

A business meeting, conducted by the chapter president Robert Tercha, updated attending members of upcoming events including topics for future meetings, tours to be taken at Hatfield and Moyer Packing.

Grange Introduces Pledge Of Allegiance In Sign Language

WASHINGTON, DC — Baulah Winter, of Haslett, Mich., director of the National Grange Deaf Activities Department, unveiled a poster of the Pledge of Allegiance in sign language at the Grange's annual convention held recently in Greensboro, NC. Winter said the poster will be distributed by Grange members to schools, libraries and other appropriate locations.

The Grange has an extensive educational program designed to help the hearing public understand the problems of the deaf and hearing impaired and issues regarding hearing protection. It provides elementary school teachers with supplemental classroom material and a $1,000 scholarship contribution to Gallaudet University, the country's only deaf university. The Grange was the first to publish songbooks in sign language and produced a slide set and video, posters and brochures about hearing protection. The Grange is also a sponsor of the Council for Better Hearing and Speech Month.

Each of the Grange's 4,000 local chapters has a deaf activities chairman who develops additional projects in their respective communities. Each state Grange also has a director. The National Grange recognized five outstanding directors for 1989 during its annual convention.

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6- Dairy Equipment

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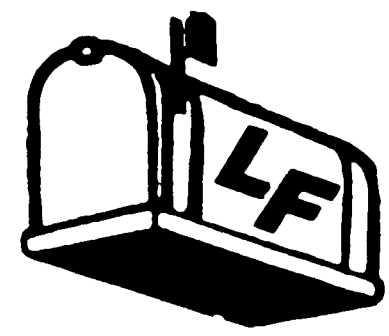

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AC 12½' disc #2500 rock flex, excellent, $1,800. 301-833-9091

AC 6060 tractor, 65 h.p., 18.4x28 tires, dual remote, 1,950 hrs., $8,975.; 500 gallon Farm Hand sprayer, 32' boom, 1 axle, $1,475. Middleburg. 717-837-0724

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Better-Bilt 3150 gal. liquid manure tank spreader with 4 shank plow down attachment. Top filled with fan unload. $3,000. Snyder Co. 717-539-2711.

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JD 146 loader with independent valve, good condition. Best offer. Lanc. Co. 717-733-0660.

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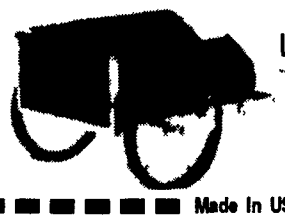

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White #5100 6 Row Corn Planter	$11,000.00	White #37 Tractor	$10,000.00
White #5100 4 Row Corn Planter	$7,500.00	White #43 Tractor	$12,000.00
N.H. #1499 Haybine	$32,000.00	Ford #951 Rotary Cutter, 5'	$400.00
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Bicap 6L	$25.30	per gal.	Princep 4L	$12.00	per gal.
Bladex 80W	$3.75	per lb.	Princep 80W	$2.50	per lb.
Bullet (in 2½ gal.)	$15.50	per gal.	Prowl	$23.00	per gal.
Dual (in 2½ gal.)	$52.00	per gal.	Ranger	$32.00	per gal.
Roundup (in 2½ gal.)	$58.00	per gal.	Linuron 4L	$42.00	per gal.

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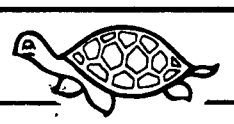

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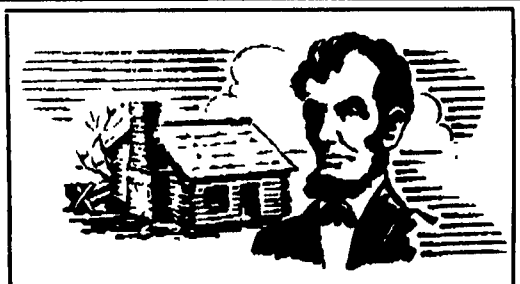

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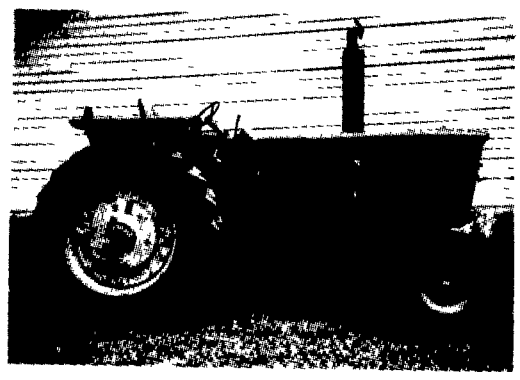

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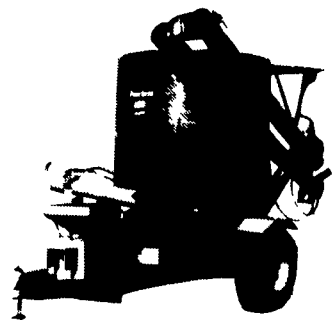

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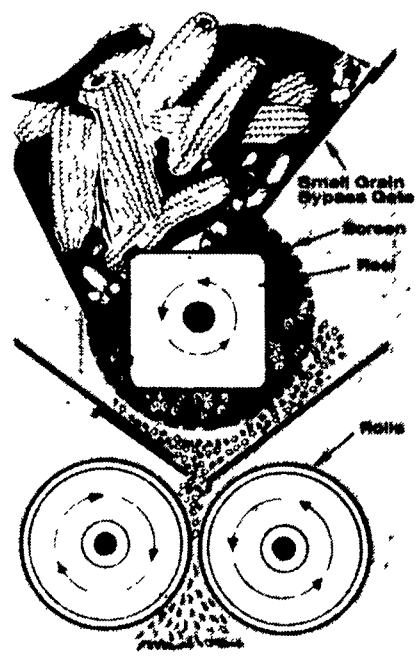

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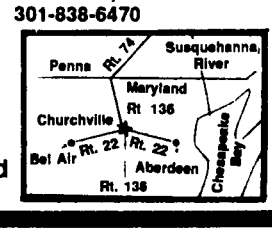

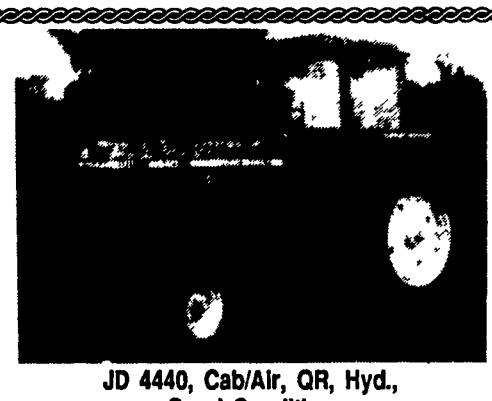

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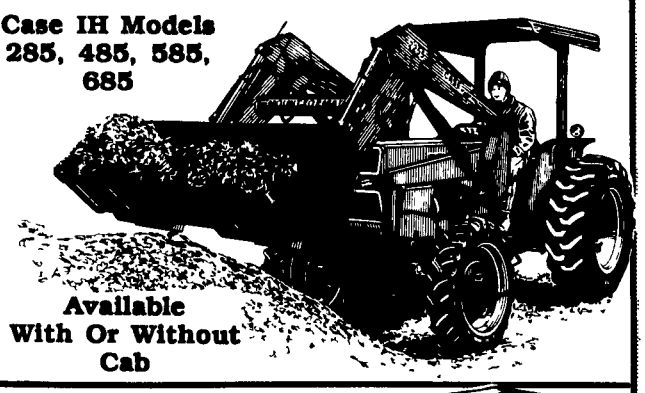

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Models 1835C, 1825, 1840, 1845

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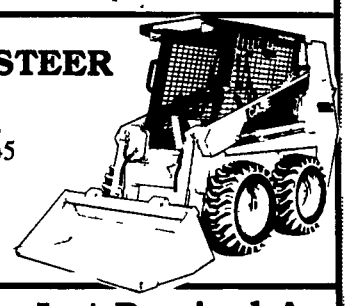


Fast-Fill Your Tallest Silos!

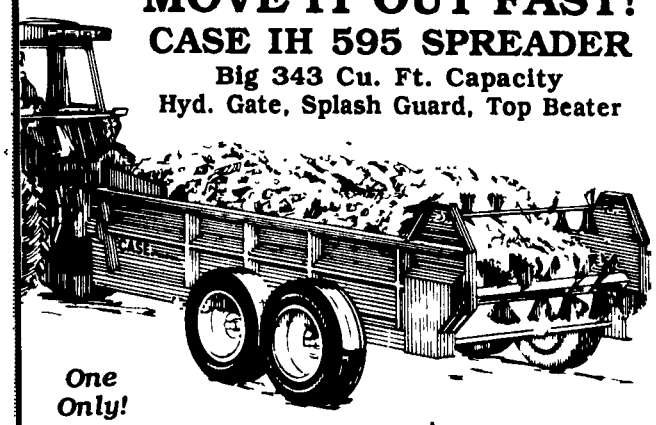
Just Received A Trailer-Load- *ON SALE AT A SPECIAL PRICE!*

Case International 600 Forage Blowers

MOVE IT OUT FAST!

CASE IH 595 SPREADER

Big 343 Cu. Ft. Capacity
Hyd. Gate, Splash Guard, Top Beater



One Only!

ALL THIS FOR ONLY **$6,985**

ATTENTION FARMERS: If Parts Are Needed After Hours To Keep You Going, Call Jay Gainer, Our Parts Mgr At Home 653-2238

MESSICK FARM EQUIPMENT, INC.
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Toll Free In PA: 1-800-222-3373

case ih

Ford Credit

TEAM UP WITH US!

Your Ford New Holland Equipment Headquarters

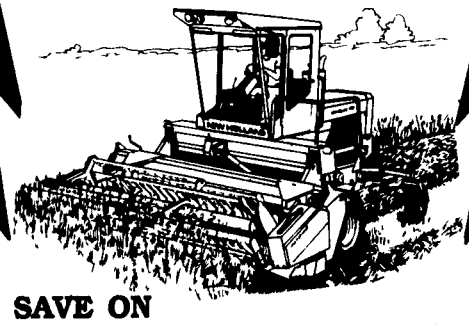
FORD NEW HOLLAND

DECEMBER SPECIAL

Thinking About Buying A Mower/Conditioner?

NOW IS THE TIME!

Don't Miss This Special Deal Available In December Only!

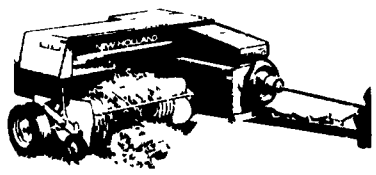


SAVE ON NH 1499 MOWER/CONDITIONER

TIME IS RUNNING OUT!!

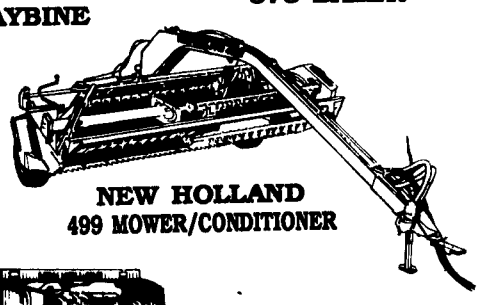
BUY HARVESTING EQUIPMENT NOW AND SAVE BIG $$!!

Year-End Clearance!! Beat The 6-8% Price Increase!!

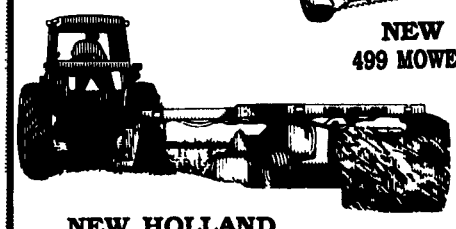


NEW HOLLAND 326 BALER 570 BALER 575 BALER

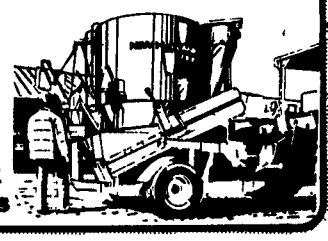
NEW HOLLAND 489 HAYBINE



NEW HOLLAND 499 MOWER/CONDITIONER



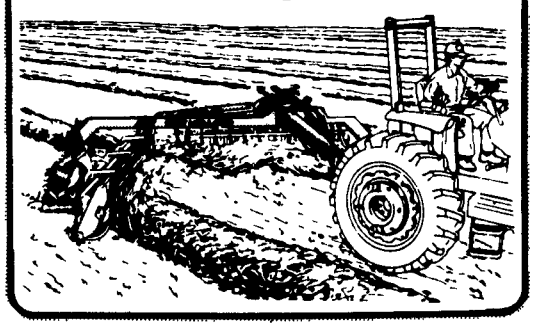
NEW HOLLAND 411 DISKBINE



NH 353, 355 GRINDER MIXER
• Hyd. Drive • Electronic Scales

NH 216 UNITIZED RAKE

- Big 27 Ft. Raking Capacity
- Adjustable Operating Width-Hydraulic
- 10 Ft. Transport Width



NH SKID STEER LOADERS

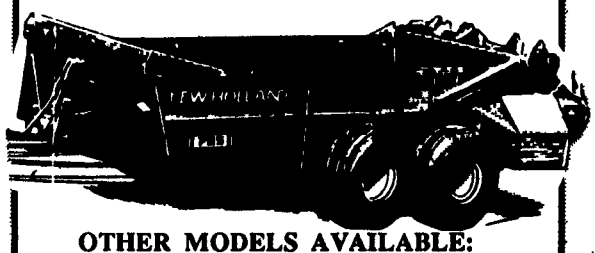
IN STOCK TO MEET EVERY NEED

Call Us And Save$!

NH 795 SPREADER

w/Hyd. Gate, Splash Guard, Top Beater

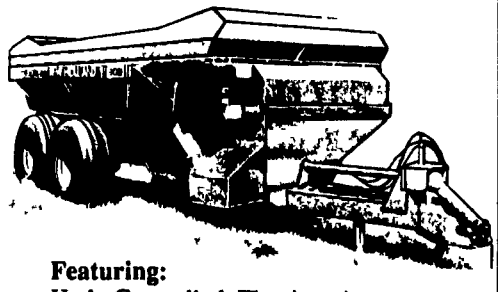
Built For Heavy-Duty Hauling



OTHER MODELS AVAILABLE:
328, 514, 520, 680, 791, 795

NH 308 SPREADER

The Side Delivery Spreader That Does It All!



Featuring:
Hyd. Controlled Floating Auger

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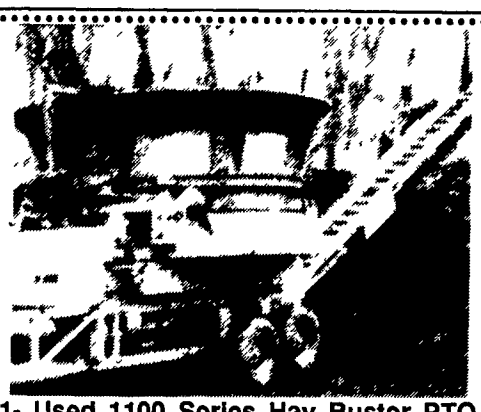

1- Used 1100 Series Hay Buster PTO Portable Tub Grinder.

Fultz Services
R.D. 1
Elliottsburg, Pa. 17024
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USED TRACTORS

- JD 2940, SGB, late model, nice... $18,000
- JD 4030, SGB, low hrs., nice..... $13,300
- JD 2550 diesel, nice condition..... $12,500
- JD 2350 org., nice..... $12,300
- JD 2640, Ind. PTO, 1981, Sharp... $11,500
- JD 2840 Hi/Lo 2 hyds. nice..... $8,850
- JD 2440 Ind. PTO 2600 Hrs..... $8,500
- JD 2640 Ind. PTO, rollbar, new paint.... $8,500
- JD 4020, side console, WF..... $7,800
- JD 2240 1982, new short block..... $7,600
- JD 2630, Hi/Lo, Ind. PTO..... $7,000
- JD 2030 Hi/Lo, Ind., Original 2800 Hrs.... $6,400
- JD 3020, WF, P/S, Overhauled, Painted.... $6,200
- JD 1530, diesel, Ind. PTO, nice..... $6,000
- JD 2030 Ind., PTO, Hi Clearance... $5,900
- JD 2020 diesel, overhauled, hi/lo.. $5,500
- JD 1520 diesel, overhauled, fair.... $5,200
- JD 1020 Dsl. Ind. PTO, Fair..... $5,200
- JD 4020 gas, WF, sharp..... $4,500
- JD 318 L&G tractor w/mower..... $3,500
- JD 400 w/5' mower..... $3,400
- JD 730, diesel SOLD, good rubber.... $3,200
- JD 3010 NF gas, original..... $2,500
- JD 48 loader, nice condition..... $2,300
- M & W Turbo Kit for JD 4020..... $800
- Cab of JD 3130..... $350
- Zimmerman Elevators, Hay Tedders
- Wagon Gears & Forage Wagons
- Farmco Metal Feeder Wagons, Bale
- Bodies & Country Boy Gravity Bins
- JD Front & Rear Weights

Peace On Earth
Goodwill To Men

Reiff Farm Service
RD #2 Box 915, Goodhart Road, Shippensburg, PA 17257
Interstate 81 Exit 10
717-532-8601 Can Finance

TRACTORS

Farmall M, good
Farmall C
Farmall 350 Gas, P/S, fast-hitch, TA, all original

TILLAGE

IH #37 8' wheel disc, nice
IH 350 10' wheel disc, next to new
IH 540 4x16" semi-mounted plow w/hillside hitch, nice
JD 1630 10' plow disc
Geoffrey 13 springtooth trailer-type chisel plow
AC 3x16 semi-mounted plow

MISCELLANEOUS

NH #8 3 beater forage wagon w/NH gear, nice
IH #10 16x7 double-disc grain drill w/fertilizer & grass seeder, nice
NI 12A Manure Spreader
NH 512 Double Beater Manure Spreader
NH 850 Round Baler w/Autowrap
Paypec #86 grinder mixer
Wagner loader w/front pump for 800 series Ford tractor
Gehl 120 grinder mixer for parts
FTD Wisconsin engine
7' Spring-trip snowblade for loader
Farmall Cub motor (complete)

KEITER'S USED FARM MACHINERY
Robert L. Keiter
Halifax, PA 17032 (Carsonville)
(717) 362-9096 We Ship UPS!

PEACE
May the spirit of Christmas joy be yours.

Ford TW15 4WD, cab, air, 1550 hours
Ford 655A loader extendahoe with cab
Ford 3910 Series II with factory cab
Ford 1320 2WD, AG tires, 75 hours
Ford 1210 4WD with QT loader
Ford 801 Diesel, PS with loader
Ford 601 Gas, PS with loader
IH 500E Dozer with 6-Way blade
Ford 6600 Dual Power
Ford 901 Gas, PS, WFE
MF 135, Gas, PS, Live PTO
Ford 1510 4x4 loader and hoe
Ford 1720 4x4 w/loader
AC 5020 turf tires
Ford 535 Loader and hoe
Ford 860 w/blade
Ford 4000 QT loader
Ford 3600, PS
AC D17, WFE, PS
JD 730D
Ford 7700 4x4 w/cab

KELLERS FARM MACHINERY
Quakertown, PA
215-536-4046

WANTED: 4 cylinder Continental motor. 717-935-5480

We specialize in flat belting, cut to order, baler throwers, self unloading wagons, long table blower belts. Franklin Co. 717-328-3591. If no answer 717-328-5603

WOODS MOWER HD315, 15' Batwing, new, $6,000. 301-833-9091

ZETOR 5245, 4x4, 100 hrs., $6,500. 301-833-9091

Snow blower, 86" double auger, 3 pt. hitch, almost new, $1,350. 412-423-2791.

Suckup twin dresser corn cleaner. 110 bu. Farm-Master tumble mixer, $4,500. Both in excellent condition. No weekend calls. Phone 717-386-5696

Super 1049 self propelled bale wagon, cab, no custom work, good, $16,800. Tony Piersphel, Eden, New York. (716)992-4301.

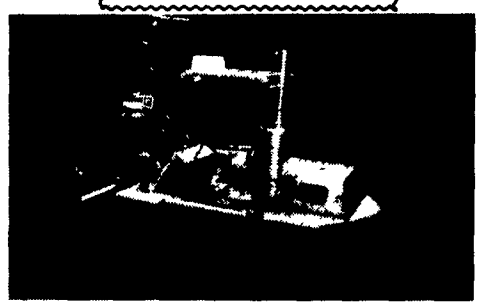
TIRONIE'S TARPS. SHIPPED ANYWHERE. 717-584-2928 anytime.

Tobacco bale boxes, Minnich patterns, also incinerator for burning trash. Jacob M. Stoltzfus, 2870B Church Rd., Bird-In-Hand, PA 17505.

TRACTOR and LOADER 1978 MF 245 diesel (42 hp) 2500 hrs., with MF 236 quick-attach loader. Both excellent condition. $6,300 (717)425-2742.

USED TRACTOR PARTS, also rebuilt clutches and torques. We ship UPS. Hill-T Farm Sales = Service, 4295 Richmond Palestine Road, New Madison, Ohio 45346. 513-548-0718.

FORKLIFTS



25 In Stock - Liquidating All Inventory Of Forklifts & Parts

12,000 Lb. Towmotor (Photo Above) Detroit Diesel New Tires, Runs Great..... $9,500 Or Best Offer
6,000 Lb. White Pneumatic, Gas, Sideshift, New Engine, Tires, Brakes, Etc. Like New..... $8,000
6,600 Lb. Hyster 1984 4WD Construction Lift, 33'7" Reach Gas, 2,000 Hrs., Excellent Cond. (2 to choose from)..... $25,000
3,000 Lb. Yale Electric Standup, 16' Lift, Very Good Condition, w/Charger..... $3,000

MECHANIC SPECIALS

5,000 Lb. Yale Solid Tire LPG Runs, No Brakes..... $900
2,000 Lb. Hyster (2) Pneumatic's One Good One Bad..... $1,500 For Both

The List Go's On Electrics Too!!

HYMAN EQUIP.
IN BALTIMORE, MD.
(301) 486-6691

YEAR END SPECIALS ON USED SKID LOADERS

Stop In Soon And Take Your Pick!

(1) Case 1845 Gas Uniloader, 2300 Hrs., 12:00x16.5 Tires, 73" Bucket With Teeth, Lights, UT 2098..... $7,950
(2) Like New Gehl 52 HP Model 5620 Skid Loader With 12:00 x16.5 Tires, 73" Material Bucket, Only 830 Hrs, UT 2096..... Only $14,500
(3) Late 1981 Model Case 1845 Diesel Uniloader With Good 12:00x16.5 Tires, 73" Bucket, 1975 Hrs., UT 2094..... Only $9,400
(4) Case 1845 Uniloader L.P. Gas (Ideal To Work Inside Buildings) Was Used In Potato Storage & Handling, UT 2084..... $6,950
(5) Case 1835C Diesel Uniloader Only 80 Hrs. With 63" Utility Bucket, UT 2087..... Stop In For A Good Deal
(6) Case 1835C Diesel Uniloader, Less Than 500 Hrs., UT 2083, Good Condition Was ~~$12,300~~..... Now $11,900
(7) 1985 Case 1845C Uniloader 929 Hrs., 73" Bucket, UT 2074..... $14,300
(8) Gehl 4400 Hydrostatic Skid-Loader With Ford Water Cooled Gas Engine, UT 2056..... ~~$4,600~~ $4,400
(9) Gehl 3000 Hydrostatic Drive Skid Loader With New Engine 400 to 500 Hrs. Ago With 8.50x15 Lug Tires And 60" Material Bucket, UT 2033..... $3,500
(10) Used Pallet Fork For Case 1845 and 1845B Model, UM 1210..... $380
(11) Case 1845B Uniloader, 1985 Model With Good 12:00x16.5 Tires, UT 1866..... $11,900 Our Shop Use Machine
(12) Case 1835 Diesel Uniloader With D100 Backhoe, UT 2100..... Stop In And See
(13) John Deere Model 70 Skid Loader, Hydrostatic Drive With 25 HP Onan Engine, With 66" Bucket And 48" Manure Fork, UT 2079

BINKLEY HURST BROS INC
SALES PARTS SERVICE

133 Rothsville Station Rd
Lititz, PA 17543
Located ½ Mile North of Rothsville
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EMERGENCY PARTS DEPT (717) 626-0885 (717) 933-4753 (717) 859-8768

A JOYOUS CHRISTMAS

LET US NOT FORGET THE TRUE MEANING OF CHRISTMAS, THE BIRTH OF CHRIST

THE LOVE HE HAD, TO DIE FOR OUR SINS.

MAY WE LET THAT LOVE SHINE FORTH THIS JOYOUS CHRISTMAS SEASON AND THROUGHOUT THE NEW YEAR.

case **BINKLEY & HURST BROS., INC.**
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BINKLEY & HURST BROS. INC.

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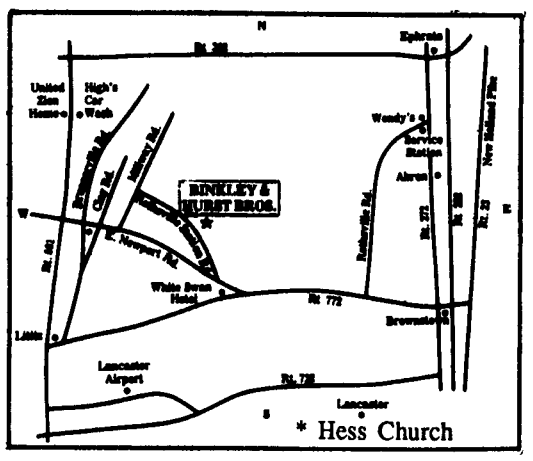


Invites You To Their Annual

DISCOUNT CASH & CARRY DAYS

WHEN?

Mon., Dec. 11th Through Sat., Dec. 30th

AND

Tues., Jan. 2nd Through Sat., Jan. 6th, 1990

OPEN

Monday Through Friday
7:00 AM to 5:00 PM
Saturdays
7:00 AM to 12:00 Noon

CLOSED - Monday, Dec. 25, 1989
Monday, Jan. 1st, 1990

CHECKLIST YOUR SUPPLY OF THESE ITEMS PLUS ANY PARTS YOU MAY NEED TO SAVE UNDER OUR

DISCOUNT SAVINGS PROGRAM

- ☐ Hundreds of combine parts
- ☐ Anti-Freeze
- ☐ Air, oil fuel, hydraulic filters for Case, International and other model tractors
- ☐ Paint in gals., quarts, and spray cans
- ☐ Seat covers
- ☐ Grease cartridges
- ☐ Cutting edges for many different widths & types of buckets discount good on cutting edges even if our shop installs them
- ☐ Ether
- ☐ Gasket sealer
- ☐ Batteries
- ☐ Toys
- ☐ Hoses, belts, thermostats
- ☐ Hitchpins & clevis
- ☐ Curved chisel plow shovels
- ☐ Moldboard plow parts
- ☐ Glencoe soil saver points shovels
- ☐ Disk harrow blades
- ☐ Hydraulic cylinders
- ☐ Head and work lights
- ☐ Engine block heaters and tractor
- ☐ SMV emblems
- ☐ Water pumps, tune-up parts
- ☐ Loctite products
- ☐ Pressure washers
- ☐ Seat assembly
- ☐ Water coolers (Igloo)

NOTICE: The Least You'll Save On Our Entire Parts Inventory & On Paid Orders Of Parts Not Stocked Is 10%!. Special 15% Discount On Harvester Knife Sets And Unadvertised Piston And Sleeve Sets, Etc. Some Items Up To 40% Off Our Regular Prices

No Additional Discounts On Specially Priced Items.

Remember...If The Part You Need Is Not In Stock We Will Order Under Our Bi-Weekly Program & You Will Still Receive Discounts For Orders Paid When Ordering. This Includes All

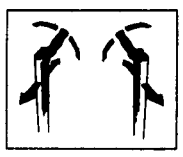
- CASE • INTERNATIONAL HARVESTER • CASE IH
- RHINO • BETTER BILT • And All Our Short Line Parts
- KINZE & JOHN DEERE 7000 Series Corn Planters

SAVE MONEY ON A CASE 18 HP UNI-LOADER WITH KUBOTA DIESEL WATERCOOLED ENGINE

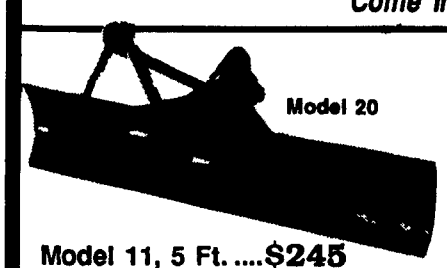
Also: Model With Narrow Wheels & 35" Bucket

Buy Before Dec. 31, 1989, For A Super Deal! New Case 1818 Diesel Uniloader With Big Tires, Lights, 44" Bucket & Lots Of Other Options. NC 2688.

Two Hand Levers (No Pedals) Control Direction, Speed, All Loader Functions



Come In & Let's Make A Deal Now!



Model 20

Model 11, 5 Ft. $245
Model 15, 6 Ft. $290
Model 20, 7 Ft. $495
Model 30, 8 Ft. $795

For Cleaning Snow And Maintaining Driveways You Need A Case IH Quality 3 Pt. Balde!

Come & Pick-Up A Quality Case IH Blade Now!

Don't Forget To See The December 9th Issue Of Lancaster Farming - 25 Pages In The D Section - For Complete Detailed Information On Big Discount Specials!

BIG $AVING$ NOW AT BINKLEY & HURST PARTS DEPT. DURING THEIR ANNUAL CASH & CARRY DAYS NOW THROUGH JANUARY 6th.

If You Need Parts, Filters, Pressure Washers, Etc., There's No Better Time To Save $$$ Big Bucks $$$

The ideal solution to your pumping problems...

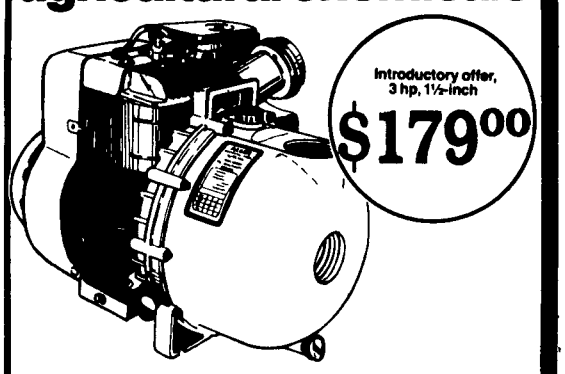
Pacer® hand dispensing pump

Take the work out of your pumping chores and eliminate dumping and spilling with a new Pacer thermoplastic hand dispensing pump at your Case IH dealership. Look at these top-quality features:

- Handle can be mounted above or below pump; easy to operate on a truck.
- Double-acting piston; pump delivers on back stroke as well as on forward stroke.
- Tamper proof — can be padlocked.
- Easy installation with barrel bung adapter.
- We feature two models - one for dispensing petroleum products, one for agricultural chemicals.

We have a complete line of polypropylene quick-connect couplings.

The ideal pump for agricultural chemicals



This self-priming centrifugal pump is just what you need for pumping any of the wide variety of agricultural chemicals. Just look at these features:

- Working pressure to 50 psi.
- Flow to 200 gpm.
- Housing, volute, and impeller are 30% glass-reinforced polyester.
- All internal parts of top quality for long, long life.
- Extra engine protection with special shaft gasket to prevent corrosive liquids from entering engine if mechanical seal fails.
- Three models available — 1½ -inch and 2-inch with 3 hp gas engine; 2-inch with 5 hp gas engine.

We have a complete line of polypropylene quick-connect couplings.

BINKLEY & HURST BROS. INC.
SALES PARTS SERVICE

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Located ½ Mile North of Rothsville
(717) 626-4705
Hours Mon -Fri 7 AM - 5 PM, Sat 7 AM - 11 30 AM
Sun Closed - Lord's Day

AFTER CLOSING: Emergency Parts Dept.: 717-626-0885 717-933-4753 717-859-8768

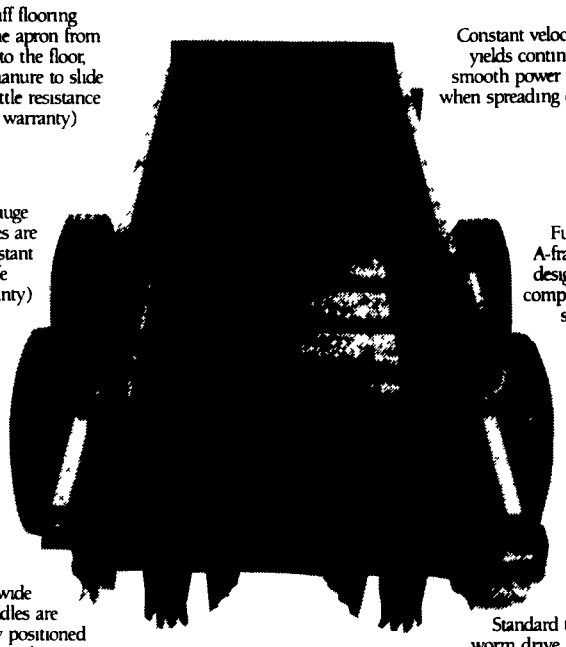
GEHL® Machines That Make Sense

Even when it's empty,

Gehl-Tuff flooring prevents the apron from freezing to the floor, allowing manure to slide out with little resistance (10 year warranty)

Constant velocity pto yields continuous, smooth power transfer when spreading on turns

Durable 12 gauge Gehl-Steel sides are corrosion resistant for long life (10 year warranty)



Full length A-frame to axle design provides complete torsional support

Extra wide beater paddles are symmetrically positioned to deliver wider, more even spreads

Standard two speed worm drive transmission is completely protected by a polyethylene shield which won't rust or dent

it's loaded.

GEHL - The New Leader In Box Spreaders

More Value For Your Dollar!

Stop In For A Cash Or Lease Towaway Price During Our Cash & Carry Discount Days And Save $ $ $ $

See Binkley & Hurst Bros., Inc. Now For The Spreader You Need!

THE ONE SPREADER FOR A TWO-SPREADER FARM

Manure from confinement housing can be quickly and easily loaded and delivered to your spreader with a versatile Gehl skid loader. The heaviest loads are no problem with a Scavanger® II manure spreader. It's built with heavy duty chain drive and rugged construction throughout. Your first glance will tell you the Scavanger® II is unlike any spreader you've ever seen.

heavy-duty square-tube auger that works harder than conventional round augers. The auger powers up and down hydraulically to prevent bridging and cut through winter freeze-ups. Variflo front, right-hand discharge gives you complete application control.

Handles All Kinds Of Manure - Liquid, Semi-Solid, Pen Packed, Even Frozen

Fewer Moving Parts, Fewer Breakdowns

See Us For All Your Manure Handling Equipment

Several Sizes In Stock!

- Model 309...1005 Gal./192 Bu.
- Model 315...1818 Gal./345 Bu.
- Model 329...3188 Gal./596 Bu.
- Model 312...1375 Gal./260 Bu.
- Model 322...2476 Gal./468 Bu.

NEW GEHL 3610 33 HP SELF-LEVELING SKID LOADER

~~$15,480~~

~~$10,800~~

Price Reduced Another $400 - Now Is The Time To Make Your Deal!

Check Out A Quality Gehl

Don't Miss It!

SPECIAL OFFER ONLY

$10,400

The Last One Left At This Low Price!

CLEAN-OUT SPECIAL!

Buy Before Dec. 31, 1989 & Save Over $2,000 On A New Gehl Demo. 3 Row Narrow Cornhead Model TR 330

(No. 4631) New Over $6,750

Buy This One For Only $4,690

TR330/338 three row

These low-profile three-row corn attachments are available for narrow or wide row crop spacings. They're perfect partners for the 1060 or 1260 forage harvesters for getting high-yield crops off the field in a hurry. (1060 and 1260)

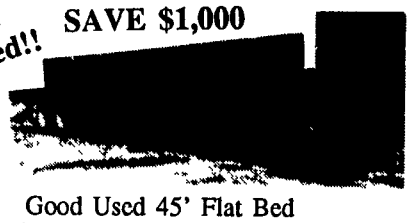
If You Are In The Market For A Transport Mixer Feeder That Really Works - See Binkley & Hurst Bros., Inc. Now! We Have A Super Deal For You!

IN STOCK GEHL MODEL 7210

210 Cu. Ft. Ready To Work!

Length	
Mixing Box	120 (3048)
Overall	187 (4750)
Width	
Mixing Box	66 (1676)
Overall-Conveyor up	93 (2362)
Overall-Conveyor down	112 (2845)
Height	
Mixing Box	55 (1397)
Overall	84 (2134)
Weight - lbs. (kg)	5250 (2384)
Struck Capacity-cu ft. (m^3)	210 (5.95)
Side Panels	12 ga.
End Panels	12 ga.
Trough	3/8 (9.5)
Lower Augers	16x3/8 (406x9.5)
Upper Augers	16x1/4 (406x6.4)
Bearings	- - -
Conveyor	
Chain	C55
Width	36 (914)
Discharge Height	44(1118)
Drive System	- - -
Scale Weighbar (truck mount & stationary units use a 4-point system)	3 Pt
Tires	16.5Lx16.1 6-ply

Price Reduced!! SAVE $1,000



Good Used 45' Flat Bed w/Bulk Head, Good 10.00x20 Rubber, Slider, Tandems

ONLY ~~$5,900~~

NOW ONLY **$4,900**

Available - Almost New Side Kit With Tarp & Bows

TRUCKLOAD SALE ON ALL LOADERS IN STOCK!

If You Want A Beefy Loader - Tractor Combination, You Need A Case IH ***Stop In Now For Our Cash & Carry Truckload Sale!***

Case IH Model 2200 For 35 And 42 HP Tractors
Case IH Model 2250 Mount-O-Matic For 52 To 62 HP Tractors
Case IH Model 710 To Fit Case IH 710 Series Magnum Tractors
Case IH Model 2255 Special Highlift For All Wheel Drive Tractor

CASH & CARRY TOWAWAY DISCOUNT SALE ON NEW & USED TRAILERS! WE ARE YOUR EAST COAST HEAD-QUARTERS FOR ALL YOUR TRAILER NEEDS!

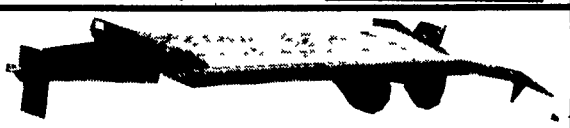
Eager Beaver 20HAL — New LO-PROFILE 20 TON

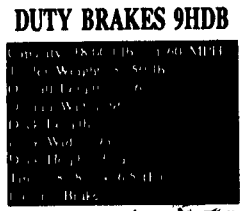
CASH & TOWAWAY A GOOD YEAR END DEAL! **$10,349.76**

Includes Federal Excise Tax Complete & Ready To Go!

No Hidden Surprises Of Options When You Buy At This Price From Binkley & Hurst!

Eager Beaver 9 TON HEAVY DUTY BRAKES 9HDB





TOWAWAY SPECIAL $5,995

10 TON HEAVY DUTY AIR BRAKES 10HA

Capacity 20,000 lbs. at 55 MPH — Deck Length 22'

Trailer Weight 5,600 lbs. — Deck Width 96"

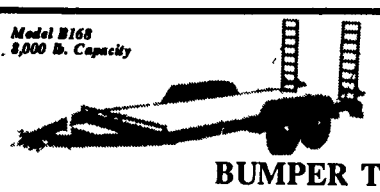
Overall Length 27'6" — Deck Height 33"

Overall width 96" — tire (8) 8.75x16.5 LRF

TOWAWAY SPECIAL $7,950

Also In Stock (1 Only): New 9 Ton Model 9D0W, 3 Axle Trailer, Deck Over Wheels, Electric Brakes - Towaway Special $4,600

Model B168 8,000 lb. Capacity



BUMPER TRAILERS

TRUE-LINE offers a versatile range of Bumper Trailers - 12, 14 and 16 ft for agriculture, construction, and utility requirements. All built with the longlasting durability and safety that has become a trademark of ***TRUE-LINE.*** ***STANDARD EQUIPMENT:*** 2 in. Treated Pine Deck •2-5/16" Ball Hitch (adjustable on 14 & 16 ft.) • 5 ft. Self Supporting Fully Adjustable Ramps • Brakes On All Wheels • Stake Pockets • ICC Running & Clearance Lights • Wiring all in Conduit • Diamond Plate Fenders • 96 inches wide

Come & Take Your Pick!

Superior Quality!

In Stock: New Tru-Line 16' As Shown - $2,350

Also In Stock: New Special Construction Model RM 16', 10,000 Capacity For Only $2,100

Summit Master 18 Foot Stream-Lined Perfection

Built The Way You Want It!

- 7" Frame With Low Boy Tires 8x14.5
- 6½ ' Wide x 18 Foot Long
- Adjustable 2 5/16" Ball Hitch
- Fold-Up Ramps w/Supports When Loading
- Treated Hard Pine Deck w/Tie-Downs
- Safety Breakaway Switch w/Battery
- May Be Licensed Up To 12,000 Lbs.
- Heavy Duty Center-Mounted Parking Jack

Only $2,300 For This Quality Trailer

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Located ½ Mile North of Rothsville

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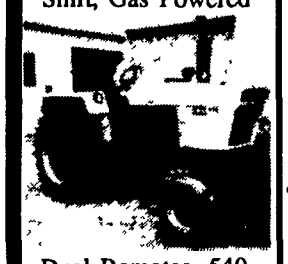
CASH & CARRY DISCOUNT SALE - GET A SUPER YEAR-END DEAL!

★ CHECK OUR SELECTION AND SAVE ★

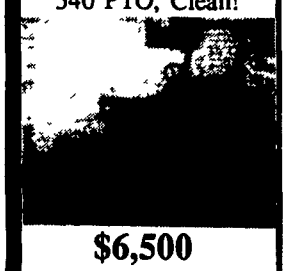
Case 580C, Cab, Std. Hoe - $13,900
BUY AS IS FOR ONLY $11,850
Or Lease For $399/Mo.*

Case 770 Power Shift, Gas Powered



Dual Remotes, 540 PTO, UT 2069
$3,950
A Good-Starting Wintertime Tractor For The Short Hop Chore Jobs Around The Farm In The Cold!

L245H Kubota Diesel Tractor, 22 HP, 317 Hrs., 3 Pt. Hitch, 540 PTO, Clean!



$6,500

1982 Case 586D Forklift, 6000 Lb., 21' Mast, Side Shift & Tilt
CASH $15,900
Or Lease For $535/Mo.*

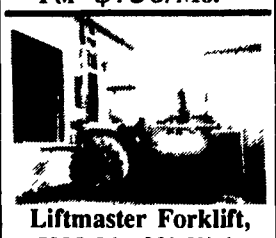
(2) New Forage Boxes In Stock At $100 Off
See Us For Meyers Forage Boxes

Model 518AL 6x16 3 Beater & Roof
List Price Over $5,450
Our Reg. Price
$4,975
Box Alone, No Undercarriage
Less $100
Means You Pay
$4,875

Very Clean 9N Ford

New Brakes & New Exhaust System
$2,450
OR BEST OFFER!

Case 580SE, Cab, Std. Hoe, 1649 Hrs.
CASH $22,500
Or Lease For $756/Mo.*

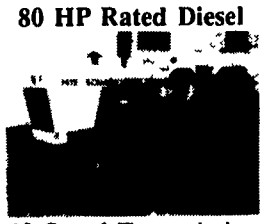


Liftmaster Forklift, 5000 Lb. 28' High, IH 6 Cyl. Engine, Good Tires - ~~$9,800~~
CASH $8,900
Or Lease For $302/Mo.*

Allis Chalmers 7060 Cab Tractor
Rated 161 PTO HP

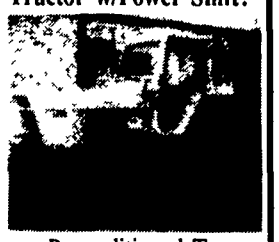
1978 Model 540-1000 PTO, Power Shift Trans., Good Running Tractor, UT 2068 -
Eligible For 11% Financing Or Waiver Till April 1, 1990* -
$9,250
Or Special Lease w/Purchase Option*

Power Shift Case David Brown 1412 80 HP Rated Diesel



12 Speed Transmission Consisting Of 4 Automatic Shifts And 3 Ranges, 3 Pt. Hitch, 2231 Hrs, UT 2076, Good Straight Tractor
CASH & HAUL ONLY $4,950

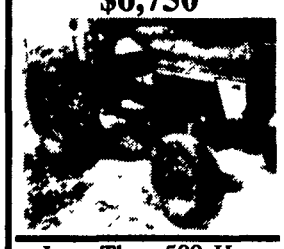
SAVE $1,000
How About A Good Clean 150 HP Case Tractor w/Power Shift?



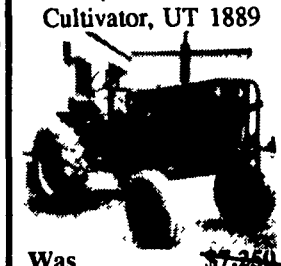
Reconditioned To Field-Working Condition, 18.4x38 w/Duals
WAS ~~$11,900~~
CASH & HAUL DISCOUNT
ONLY $10,900
Eligible For 11% Financing Or Waiver Till April 1, 1990 Or Special Lease w/Purchase Option*

IH Industrial Model 2424 Loader Tractor, Gas Powered, 3 Pt. Hitch, 14.9x24 Rear Tires, 540 PTO, UT2062
ONLY $3,700

IH 674 Row Crop Diesel Tractor, Wide Front w/Telescopic 3 Pt. Lower Hitch Arms, UT 2065
$6,750

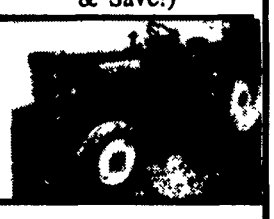


Less Than 500 Hrs. On This IH 274 27 HP Diesel Offset Tractor, 3 Pt. Hitch, PTO, 1 Row 3 Pt. Cultivator, UT 1889



Was ~~$7,250~~
CASH & CARRY DISCOUNT - 1,300
HAUL AWAY NOW FOR ONLY $5,950
(New Offset Tractors Cost Around $10,000 So Buy This Unit & Save!)

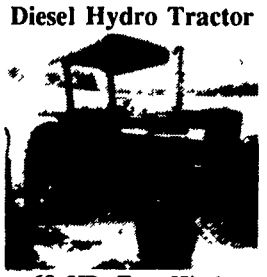
IH B414, 35 HP Gas Tractor, 1075 Hrs., Good Tires, UT2072
$3,800



SAVE $1,000
IH 544 Diesel w/Rebuilt Fuel Injection Pump, Narrow Front, w/Model 2000 Loader w/60" Bucket, In Good Condition, UT 1900

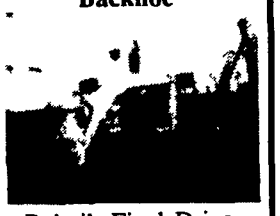
Was ~~$5,950~~
NOW $4,950

Good Clean IH 656 Diesel Hydro Tractor



60 HP, Fast Hitch, Dual Remotes, Engine Overhauled 1000 Hrs. Ago, Hydro Rebuilt
$5,495

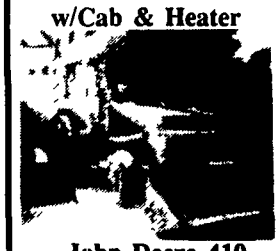
SAVE $700
John Deere 3010 Tractor Loader Backhoe



Rebuilt Final Drive
Was ~~$6,500~~
Less $700
CASH & CARRY PRICE $5,800

Allis Chalmers 840 Wheel Loader, 1¼ Yd. Bucket, Cab, Detroit Engine, Tires 90% w/Snowplow Attachment In Addition To Bucket
CASH $16,900
Or Lease For $568/Mo.*
Make Offer!

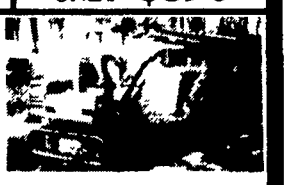
An Ideal Snow Removal Machine w/Cab & Heater



John Deere 410 TLB, Cab, Std. Hoe
~~$12,500~~
CASH $11,900
Or Lease For $400/Mo.*
MAKE OFFER!

Just Traded - 3 Pt. Disc
Ford 201 Disc, 7½" Spacing, 8' Cut, Good Condition, UM 1536
$450
Save $500 On A Reconditioned Good Used 12' Field Cultivator
12' IH Model 45 Vibrashank
$1,390
LESS $500 CASH & HAUL DISCOUNT
ONLY $890

NOTICE! If You Are A Plumber Or Electrician, You Should Not Be Without This Powerful Compact Backhoe & Dozer. Ideal For Water & Electric Lines With 16" Trenching Bucket - **CASH & HAUL AWAY DISCOUNT - SAVE $2,000!** 1987 Model TB800 Takeuchi Powered By 18 HP Yanmar Diesel, Tough Rubber Tracks Making It Ideal To Work On Asphalt & In Lawns, Etc Also Has Dozer Blade Which Really Works For Back Filling This Machine Can Rotate 360° For Tremendous Maneuverability.



WAS ~~$15,900~~ (New Machines Over $30,000)
YEAR-END SPECIAL **$13,900**

MISCELLANEOUS USED CASH & CARRY HAULAWAY MACHINERY SPECIALS!

(1) One New JB 7 Foot 3 Pt. Landscape Rake, No. 4591 ..... **$325**

(2) One Only Bush Hog 3 Pt. 8 Foot Rotary Cutter Model 268R, No. 3701 ..... **Only $2,425**

(3) Ordered For Delivery In January 1990
Bush Hog 108" Rotary Cutter Model 3108-02 ..... **$4,390**
Bush Hog 10¾ Foot Pull Type Rotary Cutter Model 3126-02 ..... **$4,550**
Bush Hog 2615 Batwing 15 Foot Cutter **$7,490**

(4) CTI Fork Attachment To Convert Your Bucket Into A Pallet Fork:
Model 2500 Lb. **$495**
Model 4000 Lb. **$630**

(5) 3 Pt. Pallet Fork With Adjustable Tine 1½ "x4" Wide x 46" Long, Weight 384 Lbs. With 2000 Lb. Capacity ..... **Was $785**

(6) One Only No. 4449, New Dunham Lehr Cultipacker, 12 Foot With 19" Rollers Was $2640 ..... **Cash & Carry Only $1,875**

(7) New Rental M&W 3 Shank Sub Soiler Automatic Reset, No. 2096, Was ~~$3,450~~ ..... **Haul Away For Only $2,850**

(8) New Heavy Duty 3 Pt. Danuser Post Hole Digger, Model 20-40 With 9" Auger, With Serrated Ripper Edges, No. 4003 And No. 4004, Was ~~$749~~ ..... **Save $100 Now Only $649**

(9) Save $200 On A New MGS HM 72 Trailer, (Slightly Weathered), 50"x72" With Removable Racks, Fenders, Lights, 5.70x8 Tires, 1⅞" Ball Hitch, GVW 1430, Ideal Around The Home Was ~~$875~~ ..... **Less $200 = $675 Cash & Towaway Price**

(10) McCurdy Combine Header Transport Wagon, Specially Built For Easy Road Transporting Of Your Combine Header **$1,750**

(11) Heavy Duty McCurdy RGE 13 Ton Wagon With 12.5Lx15 14 Ply Tires Come And See This Unit **$1,800**

(12) (Weather) New 3 Pt. Westendorf Rear End Scoop & Dump Carrier For Tractors Up To 30 HP, No. 3074 Was $463 ..... **Save $200 And Pay Only $263**

(13) New 60" 3 Pt. Woods 3 Spinner Finish Mowers Model RM 600 With Optional Front Gauge Wheels Only 3 Left, No. 3616, No. 3617, No. 3618, Save $300, Was ~~$1,675~~, Less $300 ..... **Means You Get A Cash & Carry Price Of Only $1,375 For This Heavy Duty Quality Mower**

(14) Woods RB6 3 Pt. Scraper Blade Cat 1 Hitch, 6 Foot, 40 HP Rating, Weight 251 Lbs. Only 2 Left, No. 3619, No. 3620, Deduct $50 And Save ..... **$322 Less $50 = $272 For Cash & Carry Discount**

(15) New (Never Used) 80" Bucket For Case 1845C, Property of D.H. Prior Number No. 2968 (Assign New Number) **$610**

(16) New Lowe Post Hole Digger Bracket To Fit Case 1845B And Also 9" & 18" Auger Less Drive Unit, No. 4605 ..... **Buy The Whole Works For Only $590**

(17) (2) New Case IH Mounted 9 Shank, 3 Bar Chisel Plows With Curved Shovels, Model 5700 ..... **Only $2,115**

(18) New Single Heavy Duty Subsoiler Shanks With Mounting And Automatic Reset At ..... **$600 Each, Limited Supply At This Price!**

(19) Better Bilt 1,500 Gallon Vacuum Tanker With 4" Hose, Single Axle Under Carriage UM 1530 ..... **$3,400**

(20) John Deere 216 Tandem Axle Forage Box (No Roof) UM 1490 ..... ~~$2,350~~ **Come & Make Offer and Towaway Now!**

(21) Reconditioned 18 Foot Hutch Master 7500 Wing Disk, Hydraulic Fold Wings & Lift, Good Blades UM 1441 ..... ~~$4,295~~ **Cash Discount Price $3,800 Must See To Appreciate**

(22) 20 Foot IH Transport Model 480 Wing Disk With Earth Metal Blades UM 1445 Was ~~$2,650~~ Save $300 ..... **And Towaway For Only $2,350 A Lot Of Disk For The Money!**

(23) IH Model 475 Transport Disk 14 Foot Reconditioned UM 1458 ..... **$2,180**

(24) John Deere Model 60H Forage Blower ~~$250~~ **$225**

(25) Save $350 On A John Deere Model 400 3 Pt. 15 Foot Rotary Hoe $1,250 Less $300 .... **$900 Cash & Carry**

(26) John Deere Grinder Mixer Model 750, Hammers Never Turned From New UM 1478, ~~$2,950~~ **$2,650**

(27) Case IH Model 183 Row Crop 3 Pt. Cultivator, 6 Row 30" Spacing, Like New Used On 40 Acres, UM 1599, Was ~~$2,500~~ ..... **Now Only $1,850**

(28) New Holland Hay Drying Wagon Slatted Bottom & Sides, 8'x6'x16' 8 Ton Gear With Good Tires UM 1519, ~~$1,195~~ ..... **Towaway Discount Price $950**

(29) IH Model 5100 Grain Drill 21x7 With Press Wheels And Double Disk Openers UM 1528 ..... **$3,950**

(30) IH 510 Grain Drill 24x6 Double Disk Openers, Front Grass Seed Attachment, Rear Fertilizer Gandy Type UM 1471, Was ~~$5,850~~ ..... **Cash FOB $3,200**

(31) IH Model 5100 Grain Drill 21x7 With Double Disk Openers And Press Wheels UM 1529 ..... **$4,250**

(32) IH Model 315 Culti-Mulcher 13'2" Working Width With Cylinder & Hoses, And Optional Scrapers On Rear Packer Rolls, Very Good Condition, UM 1522 ..... **$3,750**

(33) 5 Bottom 18 White Semi-Mount Plow, All New Bottom Springs 1989, Trash Covers, Spring Automatic Reset UM 1499 ..... **$3,500**

(34) John Deere 5 Bottom 16" Plow, Spring Trip, Model 1350 or 1450 UM 1521 ..... **$1,750 Best Offer**

(35) John Deere 7000 6 Row Planter, 30" With Dry Fertilizer, Cross Fill Fert. Auger, Monitor, Trash Whippers, Frame Mounted Double Disk Openers, Good Condition UM 1516, Completely Reconditioned **$6,950**

(36) Ford 142 4 Bottom Semi-Mount Plow With Spring Automatic Reset UM 1534 ..... **$2,000**

(37) Good Used John Deere 7000 6-Row Planter, Consertill Heavy Duty With Frame-Mounted Coulters UM 1425 ..... **Towaway For $5,900**

*** Residual Lease Subject To Credit Approval**

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Located ½ Mile North of Rothsville
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Sun Closed Lord's Day

AFTER 5 PM
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JOHN DEERE

NEW EQUIPMENT

JD 1219 mower conditioner, 9 ft. $9,625
JD 712 mulch tiller, 11 ft., $7,500
JD 610 chisel plow, 8 ft. $1,950
JD 1460 Rotary disc mower conditioner w/rolls
JD 2555 4WD Tractor
JD 450 Hydro Push manure spreader

USED EQUIPMENT

JD 850 2 WD Tractor with 72" mid mount mower $8,200
NH 320 Baler w/70 Thrower, completely rebuilt $6,500
JD 1327 Rotary Disk Mower Conditioner
BWA JD Disk Harrow, $1,450
JD F145, 5B Plow, $1,400
JD 444 Corn Head, Good Shape, $3,000
NH 880W, PU Head, $900
Ford Tractor, Model 2600, $5,200
Ford 2110 4WD Tractor, 35 HP w/ldr., $9,800
Ford 2600 2 WD, very clean $5,200
NI 218 Manure Spreader, 250 bu., dual axle, hyd. endgate, very good condition $3,200
Woods 10' Rotary Mower model 120 offset, completely overhauled and painted, $2,250
(2) Flat Bed Wagons
Kuhn GMD44 4 Disc Mower, Good Shape $3,000
JD 855 tractor, 4WD, turf tires, tractor and loader only $10,200

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USED EQUIPMENT

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JD 575 Skid Steer Ldr., Demo Units $12,700
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IH 374 Tractor w/Myers Snow Blade $4,500

COMBINES

JD 6620 Side Hill 215 Flex, Reconditioned $37,000
JD 4400 ..... $ 8,000
JD 643 Corn Head ..... $ 7,500
JD 444 Corn Head ..... $ 4,500
JD 443 Corn Head ..... $ 5,500
JD 443 Low Profile Cornhead ..... $ 7,900
JD 244 Head ..... $ 2,800
JD QT 16' Head ..... $ 1,200
JD 6620 Side Hill, 215 Flex $39,000
JD 6600 Combine $10,000
AC L Combine w/Heads $14,800

PLANTERS - DRILLS

JD 6 Row Cons. Liquid ..... $ 8,500
JD B Drill ..... $ 1,500
JD 7000 4RN $4,800
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TILLAGE

JD 2500 6X Plow ..... Coming In

HAY & HARVESTING

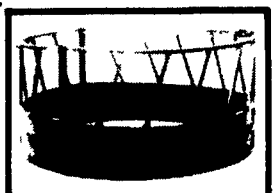
JD 3940 Harvester ..... Coming In
JD 1219 MoCo ..... $ 6,400
JD 35 Harvester, 2R 30" Head ..... $ 2,900
IH 720 Harvester w/2 Heads ..... $ 2,500
NI 324 Corn Picker w/329 Sheller ..... $ 3,700
JD 40 Spreader ..... $ 1,800
Ford 943, 6' Rotary Cutter ..... $ 700
Grimm Super 8 Fedder ..... $ 1,295
Grimm Real 8 Ft. Tedder ..... $ 1,595
NH 275 Baler Super Sweep w/54A Thrower ..... $ 3,400
JD 337 Baler w/40 Ejector ..... Coming In
JD 200 Hay Stacker ..... Coming In
JD 200 Stack Mover ..... Coming In
NH 489 Haybine ..... $ 4,500
JD 1209 Moco ..... $ 1,800

Silent Night

Merry Christmas To Our Friends And Customers!

JOHN DEERE

TOBIAS EQUIPMENT CO., INC.
Halifax, PA 17032
Phone: 717-362-3132



Round Bale Feeder with Panel $110 each or 3/$300

3 Pt. Bale Carrier $175

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Where farmers' ideas take root.

USED EQUIPMENT

MF 2675 Diesel Tractor 103 HP.
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NI 212 Manure Spreader
Ferguson TO-35 Tractor
JD 2010 Tractor
Farmall A Tractor
Farmall Super C w/ Implements
Lawn & Garden Tractors

NEW EQUIPMENT

MF 360 Tractor
MF 375 Tractor
MF 1010 Tractor
MF 1020 Tractor
MF 1030 Tractor
MF 144 Plow, 4-Bot, 16 Inch
MF Loaders
Woods Mowers
NI Spreaders
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Brillion

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814-467-7085

AC 7580 4WD, Articulate	$16,800
IH 1586 cab & air, needs paint	$10,900
JD 6030 w/cab, triple hydro	$11,200
JD 6030 w/roll guard	$9,800
JD 3120 diesel, hi/lo	$6,500
MF 65, gas	$3,200
Case 930 diesel	$3,900
Case 830 dsl	$3,200

1988 580 K Case Backhoe, 826 HR, AC, Cab, 24" Hoe
717-354-3199

During the Holiday Season more than ever, our thoughts turn gratefully to those who have made our progress possible. And in this spirit we say, simply but sincerely

Thank You And Best Wishes For a Merry Christmas and a Happy New Year

Lawrence, Butch, Sandy And Employees

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Willow Street, PA 17584
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Over the past 8 years, we have sold thousands of T.A.'s to satisfied customers across the U.S. Some of our best customers are I.H. Dealers.

We do complete job or center housing while you wait or will sell you the parts.

Our prices on T.A.'s with the Dana Sprag, are now $645.00 with a 2 year warranty.

We also have units and parts available to rebuild old style T.A.'s, including Ramp & carrier sets for $300.00

Clutches, Pressure Plates PTO Drives & Water Pumps

We have clutches available for most all IH tractors; including many heavier than original. We also have clutches for many other brands.

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All clutches & T.A.'s will ship U.P.S. and are sold on an exchange basis. Core charges Apply.

QUALITY USED PARTS

We specialize in IH tractors but we also have Case, Oliver, White and Massey tractors in our inventory.

Recent Additions To Parts:
IH 3088, AC 8010 MFD
IH 806-D, 684, 664, 544, 504-D
IH 404 986, 884, 826
IH 1066, IH 340, IH 986
IH 915 Combine

USED TRACTORS

IH 886 ROPS w/1600 orig. hrs., 38" tires, ex. cond.
JD 730 diesel w/electric start, good cond.
JD Model 540A Skidder w/winch & blade, nice
Mack 1971 R600 w/237 Engine & 6 spd. trans., twin screw w/prentice Model 110C loader (factory recon), good mechanical cond.
IH 1066 w/cab, good cond.
1978 IH [SOLD] c/a new 18x38 tires, 2000 hrs., very nice cond.
1977 IH 986 ROPS, 18x38 tires, 3500 hrs., nice cond., rebuilt clutch & TA
IH 856, WFE, 3 pt., good solid tractor
JD [SOLD] cab, 4100 orig. hrs., good cond
1975 IH 1466 C/A 20.8x38 tires, very nice cond.
JD 346 Baler, wire tie w/hyd. kicker, very nice cond.
IH 756 gas WFE, 2 pt. hitch, w/cab, very good cond,
Farmall 544 Gas, ave. cond., 3 pt. wide front
IH 685 MFD w/340 hrs.

1925 JD Model D Serial #32927 very restorable condition (spoker)

JD 5820 Chopper, c/a, RWA, rotary screen, 1700 orig. hrs., 3 narrow cornhead, 7' hay pickup dual drive snapperhead adaptor, 4 row narrow stalker head, model 443 snapper head (HI/tin) excellent condition

Combines

1976 IH 715 Diesel, Hydro w/13' Platform Tigerjaw bar, set up for beans, good cond.
702 Unisystem w/737 Husker 713 grain platforms, 744 cornhead
MF 510 diesel, belt, c/a, real nice shape

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COMBINES w/Good Selection Of Heads: We have 16 late model, very nice, local, one-owner combines.
JD 8820 4WD, Full Equip. w/220 Flex.
JD 7720 4WD, w/216 Flex & 643 Corn Head, Nice.
1985 JD 6620, Side Hill, Titan II, Full Equip., Real Nice, w/215 Flex.
1981 JD 6620 Side Hill Combine.
JD '81 Model, 6620 LL, w/215 flex, real nice.
JD '81 Model 6620 LL w/216 Flex, very nice.
JD 6620 LL, 1 Owner, Full Equipment, $25,000.
JD (80) 4420, C.A. w/Dial-A-Matic, Full Equipment, Real Nice And 213 Flex.
JD (77) 6600 Side Hill, Good Cond.
JD 6600 Side Hill CA Hydro w/643 Cornhead.
(75) 6600 D. Rotary Screen good.
(78) JD 4400 Dsl., C.A..
JD (77) 4400 D., C.A.
JD 4400 Gas, 13' grain.
JD 3300 Gas w/10' Grain.
IH (78) 1460, C.A., Hydro., Real Nice w/820-17½' Flex.
MF 850, Turbo Hydro w/1163 Cornhead, 500 Hours.
(80) MF 750 Gray Cab, hydro., w/1163 and 15' flex
1981 M[SOLD] C.A., Hydro
MF (78) 760 C.A., V-8, Hydro., 4 WD, w/2 Heads.
MF 550 D., C.A., low hrs.
MF (76) 750 Cab, Air, Hydro
Gleaner F2 D, C.A. w/13' Grain & 438 Corn, Nice.
Gleaner F2 D C A w/13' Grain.
(77) IH 815 D., C A Hydro, 4WD w/810 Grain & 4R Corn
IH D 915 C.A. Hydro w/863 & 810 Grain
IH (77) 715 D C A w/810 Grain & 844 Corn Heads, IH 715 Gas, C A w/810 13' Grain, NH TR70 C.A Hydro w/Cat Dsl
IH 715 Gas w/Cab & 810 grain for $4,850; MF 300 Gas w/Cab & 2 QT Heads, good condition; IH 80 & 82 Pull Combine, (75) 510 D. Hydro w/Cab; N.H. TR70 C.A. Hydro.
NI 709 Uni, CA, Hydro, 4WD; N.I 702 & 705 Uni-Systems w/Full Eq.; NI 702 Uni w/727 Bed, 729A Sheller & C.H ; NI 702 D. w/727 bed & 3R C H.; NI 701 Uni w/727 Husker and 3RN Cornhead, 767 Super Chopper; NI 727 Husking Beds; NI 737 Husking Beds; N I. 729A Shellers; NI Uni 740 Feeder House.

CORNHEADS: JD 443 LP, 643 LP, 643, 444 LP, 444, 443, 344, 343, 244, 243; 205 (40) 234, 435; JD 454 Row Crop Head.
I H 963; 863; 844; 843; 833; 744; 327, 3R; 227.
A.C. GL 440, C440, A438 Black, A630 Black, L2, M430, Gleaner C430 C.H., F335.
M.F. 1163, 1144, 1143, 63, 44, 43, 24, 222, 422.
N.I. 738, 743, 730, 734, 725, 723, 762, 763; Ford 4-30"; Case (404); NH 962 4RW, 6RN Corn Head.
NH 974 W4; NH 962 N3 & 962 W4; NH 924, 4RW; White 706N; Oliver White 4N, White 703.

GRAIN HEADS: J D. Used 12'-15' Incl. 213 & 215 Flex & (2) JD 216 Flex; 213, 215 Rigid
I H 810-13' Thru 17.5' w/ Reg. or Floating.
M F. 10'-16' Reg. or Floating Bar; A.C. E10'.
N I. 713 Flex Or Rigid.

NH 960, 13'; E 10' Grain Head.

TRACTORS:

JD 8850 4WD, C.A., 3 Pt., PTO., Fully Equipped; JD 8650 4WD w/3 Pt. And Duals; JD 4850 C.A.P.S., MFWD, Full Equip., Real Nice; JD 4650 C.A.P.S., MFWD, Real Nice; JD 4450 C.A.P.S., MFWD, Like New; JD 4450 C.A.P.S., MFWD, Duals; JD 4250 CAPS, MFWD; (85) JD 4250 C.A.Q.R.; JD 4050 C.A.Q.R., 900 Hrs., Like New; JD 2950, ROPS, MFWD; JD 4050, ROPS, QR; JD 4050, ROPS, Power Shift; JD 2950 MFWD w/Rollguard; New JD 2355; JD 2550 w/175 Loader, Like New; JD 2350 MFWD w/175 Ldr.; JD 1250 w/Power Steering, JD 4840 C.A.P.S , Duals; JD 4840 C.A.P.S. Duals & Quick Hitch; JD 4640 C.A., Q.R., Duals; 4640 C.A.P.S.; JD (82) 4440, C.A.Q.R.; JD 4440 C.A.Q.R., Duals, Real Nice; JD 4440, C.A.Q.R., 20.8x38 Radials; JD 4440 C.A.Q.R.; JD 4440 C.A.Q.R.; (82) JD 4240 C.A. QR; JD 4240, C.A.Q.R., Real Nice; (81) JD 4240 C.A.Q.R., JD 4240 Fender, QR., Real Good; JD 4040 Fender QR 18x38; JD 2940 MFWD, real nice; JD 2940 MFWD; JD 2940 w/Hi Lo, 2 Post R/G, $12,500, JD 2840 w/Roll Guard, Nice, JD 2840; JD 2640 w/Hi-Low And Indp PTO, JD (82) 2440 Full Eq , w/146 Ldr. & Grapple, JD 2440 w/Yr Round Cab, JD 2040, 2940 w/R G.; JD 8630 w/ Duals, Full Equip ; 4630 SR w/Cab & Air, JD 4430 C.A., QR, Originals, JD 4430 C.A Q.R., 20.8x38 Radials, JD 4230 C.A Q.R., Nice, JD 4430, C.A.Q.R.; JD 4230 CA, Syncra Range, Nice; JD 4430, QR, cab front wheel assist; 4430 ROPS, Syncro Range, JD 4230 C.A Q.R.; JD 4030 Quad Range w/Cab; JD 4030 w/ Cab, Q.R.; JD 4030 w/ creeper trans.; JD 2630 Utility Dsl.; JD 7520 C.A., 4WD, Needs Motor Work; JD 7520 C.A., 4WD, As Is; JD (6) 4020's 1964-1972; JD 4020 S.C., WFE, 2 Hydraulics, Diff. Lock; 4020 S.C., W.F.E., 4020 P.S., S.C., W.F.E.; JD (72) 3020 Tricycle Dsl.; JD 3020 D, WFE, Power Shift; JD 3020 Dsl., WF; JD 3020 D Tricycle; JD 3020 D, WFE; 2520 Dsl.; JD 3020 G., JD 2020 Gas, Real Nice; JD 2020 Dsl.; JD 2020 Dsl., w/Hi-Lo, As Is; JD 4010 D, WF Nice; JD 4010 D. Tricycle, Real Good; JD 4010 Dsl., WFE; (2) JD 3010 D WF; JD 3010 D., Tricycle; JD 2510 Gas, WFE, Dif. Lock, Sharp; JD 720 D., Tricycle; JD 620, PS, 3 Pt., JD 620 Gas, WFE, w/PS.
IH 5488 ROPS, MFWD; IH 5288 CA w/20.8-38 Duals, IH 1486 CA, Dif. Lock, Real Nice; (81) 1086 C.A. Full Eq., Real Nice; IH 1086 CA w/Dual Whls., original; 1586 w/R.G.; 1086 C.A.; IH 986 C.A. Duals; IH 986 C.A.; 886 w/R.G.; F686 Original; IH 4166, C.A., 4WD, 3 Pt., Original; F 1066 w/ Cab; 1066 w/Yr. Round Cab; F 1066 Fender, Original; IH 1066 Fender; 1568 C.A.; 1566 w/Cab; 1466 w/Cab; IH 966 C.A.; 966 Original; F966 WFE, 3 Pt., New TA & 38" Rubber; F766 w/Factory Cab; IH 684 Row Crop Utility; IH 584; 574 D. w/Loader; Farmall 544 Gas, WF, 3 pt.; IH 444 U. Gas w/IH 1501 Loader; 1256 w/ Cab, Nice; Farmall 756; 756 G Hi-Clear; Farmall 756 D, WFE, As Is; 656 Diesel; 1206, Nice; 806 D, WF; 706 D. - W.F.E. - 3 pt. - $5,000; F560 D., WF, FH; F560 Gas, WF, Nice; IH 460 High Utility, Gas; F 460 Gas, WF, FH; IH 460 U. Gas, FH, PS & Shuttle; Farmall 400 w/Fast Hitch And Snow Plow; Farmall 350 w/PS, Fast Hitch, 2R Cult. w/Fert. Distributor; Farmall 340; Farmall 300, Tricycle, Gas, Fast Hitch; Farmall 200; Farmall 100, Hi-Clearance w/ Cultivators; Super M w/PS; Farmall H w/Ldr. & Live Hydraulics; Farmall H, Good Condition; Farmall H w/Rear Forklift; Super A w/Sickle Mower, Plow & Cultivator; Farmall Super A w/Wagner Hyd Loader w/Plow, Farmall Super AV w/Cultivators
AC 8050 C.A.P.S., MFWD; 2705, C.A., 8SP.; MF 2705, C.A.P.S.; MF 1135 w/Cab; MF 1100; MF 1085; MF 165 U. Gas; MF 165D w/Freeman Ldr.; MF 135 Gas w/Power; MF 65 D; Ferguson w/ Wagner Loader, Good.
Ford TW5, C.A., MFWD, 800 Hrs., Like New; Ford 7600 w/ROPS & Dual Power; Ford 8000; Ford 8000 w/ Cab As Is; Ford 5000 Dsl.; Ford 5000 dsl., WFE, 8SP, Original; Ford 4000 Dsl., original paint; Ford 4000 Gas; Ford 3000 w/PS w/Ford 772 Ldr.; Ford 2000, Gas, Select-A-Speed.
WHITE 2-155 CA Real Nice; WHITE 2-135 Series 3, C.A., MFWD; WHITE 2-85, Nice; WHITE 2-60 ROPS w/1510 Ldr.
OLIVER 1955 Original; Oliver 1755, Original; Oliver 1755, As Is; Oliver 2050; Oliver 1850 D., WFE, Hydra Power; Oliver 1600 Gas WFE, Original, Good; MM G1000 Nice; Long 910 w/Cab.

Tractors & Equip. Just Traded:

Ford TW20 C.A.; Case 580 Diesel Loader Backhoe; JD 2950 C.A., MFWD; JD 450C Crawler Loader; NH 846 Auto Wrap; NH T50 Heavy Disc; JD 230 23' Hydraulic Fold Disc; Case D.O.T. 21' Hyd Fold; JD 260 Loader, NH 455 Pull Type Sickle Mower; JD 65 Blower, Brillion 12' Chisel

NEW

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Truckloads of 1R #323 & 2R #324 Pickers.

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New NI Corn Picker Parts: 323, 324, 325 Beater Units, H.D. PTO's, Elevator Extensions, Mechanical Lift Levers and Elevators

AC 8010 C.A. 20 SP MFWD w/Westendorf 64 Ldr.; AC 6080 ROPS; AC 7030 Fender Tractor w/ Duals 20 Spd.; AC 200; AC 200 D original; AC 220, real nice; AC 210 w/ Cab; AC D17 Series 4 Gas, W[SOLD]oader; AC D17 Series IV D. 3 Pt., WFE; AC D17 Dsl. WF, w/4X Plow And 6R Cult.
Deutz 13006 w/Cab.
Deutz 9006.
CASE IH 3294 CA MFWD, Radials, Real Nice; Case IH 22[SOLD]P.S.; Case 4690 C.A., P.S. 4WD, Full Equipment; Case 2590, CA, PS, 1600 hours; Case 2390 CAPS, Duals; CASE 2390 C.A.P.S., Duals; Case 2290, C.A P S . 20.8x38 Radials; Case 1690 C.A., MFWD; Case 1390; Case 970, C.A.P.S.; Case 970 ROPS; Case 970; 930D, WF 3 pt.; Case 730 Gas w/3 Pt., WF; Case 995 Dsl. w/Ldr ; Case- 995 w/ Cab
MF 2705 C.A., 24SP.; MF 2705, C.A.P.S.; MF 1135 w/Cab; MF 1100; MF 1085; MF 165 U. Gas; MF 165D w/Freeman Ldr.; MF 135 Gas w/Power; MF 65 D; Ferguson w/ Wagner Loader, Good.
Ford TW5, C.A., MFWD, 800 Hrs., Like New; Ford 7600 w/ROPS & Dual Power; Ford 8000; Ford 8000 w/ Cab As Is; Ford 5000 Dsl.; Ford 5000 dsl., WFE, 8SP, Original; Ford 4000 Dsl., original paint; Ford 4000 Gas; Ford 3000 w/PS w/Ford 772 Ldr.; Ford 2000, Gas, Select-A-Speed.
WHITE 2-155 CA Real Nice; WHITE 2-135 Series 3, C.A., MFWD; WHITE 2-85, Nice; WHITE 2-60 ROPS w/1510 Ldr.
OLIVER 1955 Original; Oliver 1755, Original; Oliver 1755, As Is; Oliver 2050; Oliver 1850 D., WFE, Hydra Power; Oliver 1600 Gas WFE, Original, Good; MM G1000 Nice; Long 910 w/Cab.

Tractors & Equip. Just Traded:

Ford TW20 C.A.; Case 580 Diesel Loader Backhoe; JD 2950 C.A., MFWD; JD 450C Crawler Loader; NH 846 Auto Wrap; NH T50 Heavy Disc; JD 230 23' Hydraulic Fold Disc; Case D.O.T. 21' Hyd Fold; JD 260 Loader, NH 455 Pull Type Sickle Mower; JD 65 Blower, Brillion 12' Chisel Plow With Buster Bar; Ford 9N; Bush Hog 21' Hydr. Fold Disc; AC Loader For D17; IH 720, 5x18 Reset, On-Land; JD 2510 Tricycle, Gas; Gehl 99 Blower; Glencoe 13' Soil Finisher; White 271 Hydraulic Fold Disc; JD 6600 Gas w/443 Cornhead; Ford w/Loader, Ford 7700 C.A. DP; Brillion 30' Flatfold Cultimulcher, Like New; IH 186 Hydro, ROPS; JD 8430 Fire Damaged; Prentice #160 Knuckle Boom on Trailer.

CORNPICKERS: (4) (Used) 325-2RN w/12 Roll Husker, Shellers & Super Shellers; NI 325 w/8 Roll Bed; (4) (Used) 324-2RW w/12 Roll Huskers; Shellers & Super Shellers; NI 323, 1R Picker, $1950; NI 330 3R Picker w/12 Roll Bed.
New N.I. 329 Super Sheller List $6700.00, Special $3,550; N.I. 330 - 3 RN w/ Supershellers, 325 2RN w/Grinder.

PICKER: JD 300 Picker w/2RN Corn Head; NI 319 Mounted Picker w/12 Roll Husking Bed; NI 319 Mtd.; JD 43 PTO Sheller.

FORAGE EQUIP.: Forage Harvesters w/Choice of Heads.
JD 5400 C.A., Hydro, 4WD, Real Nice.
JD 3970 Chopper, One Yr. Old; JD 3960 w/2 Heads, Full Equip.; JD 3800 Chopper, Hay Pick-Up; JD 3960 w/3R Cornhead; JD 3960; JD 35 Chopper.
NH 890 w/Electric Controls, 2R Corn & Hay Pickup; NH 782 w/heads; NH 770 w/heads; NH 770 w/822 Cornhead; NH 718 w/822 C.H.; NH Super 717 w/1R C.H. $975; NH 707 Chopper w/1R Corn Head; NH open end hay pickup heads, 6'; NH 890 w/2 or 3R C.H.; NH 890, 2R Super Head; NH 890 direct cut head.
Fox Super D w/Cab 3R C.H. & PU.
Fox Super E, 4WD w/Cab, 3R And Hay Pickup.
Gehl CB 1200 Chopper.
Balzer 1014 Hydraulic Dump Station.

FORAGE HEADS: N.H. 717-S Direct-Cut for 770 & S717; 890 EN-2RN Snapper; 770-1R Snapper; (3) NH 822 Silage; 1, 2, & 3R Silage; NH 880W PU; NH 880 S Direct Cut; NH 890 N3 3R Corn, Incomplete.
JD 1R Snapper Head; JD 3R 36" Silage Head; J.D. 2 & 3R Snapper; 2 & 3 R Silage, Used 5½' and 7' Hay Pickups; JD 243 C.H. w/ adapter plate; JD 244 Cornhead w/Chopper Plate, Like New, 3 JD C.H. harvester adapter plates; JD 6' Direct Cut; JD 4RW Stalker Head
IH Direct Cut Head w/2RN & Hay PU for 650; NI 766 Hay PU; Gehl 1000 Hay Pickup
FOX 984, 4R Silage; 2 CSB 2RW - Snapper, 263-2 RW, 109 Hay Pickup

BLOWERS: NH 30; JD 66.

FLAIL CHOPPERS: (2) Used NH 38, NH 36; Bearcat 72A; JD 16A; MC 180 Stalk Shredder; JD 27 Stalk Shredder.

SILAGE WAGONS: (2) JD 716 Tandem Axle w/Roof, Hesston #10 Stack Wagon.

HAY EQ.: BALERS: Hesston 4800 Big Baler; New NI 555 w/560 Thrower, List Price $12,881, Sale Price $7,500; Deutz Allis HD 490 Baler w/Thrower, Like New; JD 466; JD 347 Baler w/Thrower; JD 327; JD 327 Baler w/Thrower; JD 327 Baler w/Chute; JD 336 w/Thrower; JD 336 Wire w/Thrower; JD 24T w/#30 Thrower, JD 24T w/#30 Thrower; IH 440 All-Twine Baler w/#10 Thrower, Nice.
NH 326 Baler; NH 425 Wire Tie Baler; NH 315 w/70 Thrower; NH 315 w/ Thrower; NH 276 Wire Baler; NH 276 Baler; NH 846 Round Baler With Auto Wrap, Nice; NH 268 w/53 Thrower; (2) NH 66 Balers w/Wisconsin Motors; NH #75 Ejector; N.I. 456 Round; N.H. 851 Rd.; MF 124 w/Thrower; MF 124 Baler; NH 851 Rd.; NH 852 Round Baler w/Auto Wrap; IH 241 Round Baler.

RAKES: JD 640 Rake.
NH 258 Rake; NH 256 Rake; Lely 2 Star Tedder; Kuhn 4 Star Tedder; Fahr 4 Star Tedder; Pequea Tedder.

HAYBINES: (1982) NH 1495 D. C.A. Hydro, 800 Hrs.; NH 1495 D Hydro w/Half Cab; NH 1495 Gas SP; 495; JD 2280 D Windrower w/Cab; (3) 489; NH 488; NH 479; 478; (4) NH 467 Haybines; JD 1219; JD 1209; NI 509, 9'; NI 509 Haybine, Real Nice; IH 990 7' Haybine; Gehl 1080 Discbine; JD 1327 Diskbine, Like New; Hesston PT7.
New MC 7E, (2) M C 7E, MC 9E Rotary Scythe, NI 272 Cutditioners, NH 1010 Bale Wagon, NH 1010 Bale Wagon, good condition, NH #90 Bale Mover

PLANTERS: Deutz Allis 385 6R Planter, Like New, JD 7100 12R 3 Pt. Hitch, JD 7000, 6R, JD 7000 6R Cons , Dry Fert , JD 7000 6R Cons , Dry Fert , JD 7000 6R Cons Liq , JD 7000 4R Liq , (Used) 7000-6R Cons Liquid w/No Till, 7000-4R Dry & Liquid, (2) JD 7000, 4R Dry Fert , Full Equipment, JD 7000 4RN Liq , IH 800, 6R Dry Fert , IH 800 4R Liq Plate Planter, IH 800 4R Liq Air Planter, Hiniker 4R Econotill, No-till, w/Kinze Units, JD 1240 4R Planter

DRILLS: NEW JD 16x8 DD Drill, JD 8300 21x7 DD, JD 8300 23x7 DD With Grass Seed, JD 8200 21x7 S D w/Grass Seed, JD 1550 Power No-Till Drill, JD 9300 Tandem Drills, JD FBB, 17x7 SD w/ Fert And Seed, JD B, 20x7 SD w/ Seed, Moore 18x6 No-Til Drill, Tye 24x6 Drill, 510 24x6 Double Disc, Brillion SS 10' Seeder w/ Transport, Brillion SST 12' Seeder w/Hydraulic Transport Like New

GRINDERS/MIXERS: Owatonna 450 w/Scales, Bearcat 1250, NH 352 Farmhand 850 Tandem Axle IH 1150 Grinder Mixer

TILLAGE EQ PLOWS: White 3X Spring Reset, JD F325 4X, 3 Pt Hydr Reset Plow, JD 2600 4X Trip Plow, JD 5X16 Semi Mount Plow, Oliver 546 5X Trip Plow, Case 400 5x18" Spring Reset, White 508, 6X Reset, 6B Semi, IH 710, I H 700- 6x16 Spring Reset White 549 5-6x18 Spring Reset, JD 3200 6[SOLD] IH 720 5X and 6X S[SOLD] Onland Hitch, (2) JD 945, 5X Semi Rollover, IH 155 5X Rollover Onland, (2) JD 2800, 6X Onland, (2) JD 2800S, 7X, JD 2800, 7X Onland, IH 710, 7X Onland, IH 800 10X Flex Spring Reset

CHISEL PLOWS: IH 55 11' w/Rake, New AC 1600, 12' Pull JD 1600 12' Chisel, Bush Hog 10' w/ Buster Bar, Brillion 12', w/Buster Bar.

DISCS: Case 8' Transport Disc, New Blades, New Case IH 770 10' Offset Disc, Oliver 11 Ft Transport Disk, Oliver 11', As Is JD 110 12' Rock Flex, Bush Hog 11' Disc; White 252 12', JD 310 Disc, Bush Hog 14' Disc, Miller 12' Offset Disc, Bush Hog 11' Offset Krause 1452 14' Offset Disc, White 15' Offset Disk, Taylorway 16' Rock Flex Disk w/Harrow, White 18' Wingfold Disc, New Blades, MF 820 21' Hydr Fold Disc, Dunham Lehr 34-20' Rock Flex Disc, IH 470 18' Wing Disk, Rhino F90B 22' Hy Fold Rock Flex

MULCH TILLERS: Wilbeck 13', Glenco SS18 Fold Soil Saver, Glenco 9 Tooth Soil Saver, JD 1710A Mulch Tiller, Glencoe 13 Shank Soil Saver

CULTIMULCHERS: Dunham Lehr 10' w/Inside Whls , JD 10' Roller Harrow, JD F950 12', JD & Brillion 10', 12', 13' & 15', Brillion 25' Hy Fold Crowfoot Cultimulcher

CULTIVATORS: IH 80 2R Front Mount, JD 2R, 4R S Tine, McConnel 4R S Tine McKee 4R S Tine, (2) JD RG 4, JD & IH 6R 3 pt., Glenco 6R S-Tine Cultivator, IH 65 6 & 8R Front Mounted Cultivator, JD 8R Cultivator, Noble and Brillion 6R S-Tine Cultivators, 8R S Tine Cultivator, 8R Fold S-Tine Cultivator, JD 1010 28' Hydraulic Fold Field Cultivator, Brillion 20' Hyd Fold Field Cult , JD 20' 3 Pt Field Cultivator, Brillion 20 Fold Harrow, Case IH 4500 8' 3 Pt Field Cultivator

MISC: Brillion 21' Fold Packer, Brillion 12' Packer w/Transport, Brillion 12' Packer, IH #14 5 Shank Spring Reset V-Ripper, I H 5 & 7 Shank V-Rippers w/Gauge Wheels, Justus 2000 7' Rototiller
Used 400-15', JD 400 Rotary Hoe

INDUSTRIAL: Arps 730 3 Pt Backhoe, Cat 955 Ldr , As Is, JCB 4 Wheel Articulated Loader, Dsl , Hydro
1978 Case 580C Dsl L, B, ROPS, Cab w/Heat, Case 580B LB w/ ROPS, AC 715B L & B , IH 300 Ldr Backhoe, IH TD14, Angle Blade, $2,995, JD 350B Crawler Loader w/Winch (As Is), JD Winch And 4 In 1 Bucket For JD 450

SKID LOADERS: NH L445 D Skid, NH L35, Bobcat 444, Bobcat 533 D Skid, Case 1845 Gas Skid Loader, Case 1845 D Skid, (85) Case 1845 B Dsl , Case 1737 Skid Loader, Case 1730B Skid Loader, Ford CL40 Skid Loader

LOADERS & BLADES: J D 58, 145, 148, 158, 260, IH 2000, 2050, 2250 Loader, 2350, 2450, Case IH 74L, Case IH #90 Ldr , Like New, Ford 727 Loader, NI 504 Loader, Artsway HD loader for 4WD, AC 500 Loader for 185, etc , Ford Ldr, For 8000 Etc , (New[SOLD]H Buckets, JD Fork Attachment, JD 8' Dozer Blade For 4430, Etc , JD 155, 9' Heavy Blade w/Hydraulics Amco 905 Heavy Front Blade, York 8' 3 Pt Stone Rake

LAWN & GARDEN: JD 950 w/Ldr ; JD 950D, Dual Hydraulics, JD 850 D w/Mower, JD (88) 750 MFWD, JD 332 Dsl , Cub Cadet 582 w/Ldr And Mower, Satoh 550 w/3 Pt , Hefty F 27 HP Tractor w/3 Pt., IH 184 LoBoy 3 Pt With Mower And Blade, Cub 184 w/Woods Mower Farmall Cub w/Mower, Cub 185 Lo-Boy w/Mower And Blade Cub 154 Lo-Boy, With Creeper Trans 154 Lo-Boy, Cadet 782, 1650, 1100 And 1250, J D 400, 216 214, 212, (New) Johnson Loader For Cub Loboy, Loader For JD 400, Snowblower For JD 300 Series Kwickway Loader For Cub Loboy
New Yanmar YFL 1000 Ldr , New & Used York Rakes Schutt 3PT Tree Digger

ROTARY CUTTERS: JD 1508 Hydra Fold Mower, Nice, JD 1508 Wing Cutter, New IM 5' Rotary Cutter

SICKLE MOWERS: JD 350

MANURE SPREADERS: NI 354 Tandem Spreader; JD 660 Tandem Spreader, Martin V3300 Tandem Tank, Husky Tandem Axle Tank w/Injectors; Harvestore 2000 Gal Liquid Tank, NH 363 Flail, JD 54, NI 218 Tandem Axle

New Killbros Bins & Running Gears
New Killbros 475 Grain Cart

MISC: Westfield 8x61 Grain Auger, Like New; John Bean Roto Mist 100E Sprayer; John Blue 1,000 Gal Tandem Axle Sprayer, 500 Gal Tandem Axle Sprayer, Westgo Rock Picker, Edwards Hydro-Swing, Tree Booms w/Foot Controls, NI 45' PTO Elevator, NI 176 32' Elevator w/Motor & PTO, Rex 400 Gallon Sprayer, Farmhand 8' Snow Blower, JD Quick Couplers, JD WF, 4WD, JD 42" Cast Wheels and Tires, I H Flat Top Fenders For 706-1466, I H 66 Series Cabe, Year-Round Cab w/Air For IH 66 Series, Damaged IH 84 Series Cab, J D & I H Front & Rear Wts , JD 243 Corn Head w/Adaptor Plate, New WFE For Ford 7700, Myers Snow Blade for IH 240
Ford Cabover w/Rollback, $3,850 As Is
Muv All 30' Hyd. Implement Trailer
J D Roll-Guards, Fast Hitch for 560 & 450, JD belly mowers for JD 850 & 950 etc

STRAW CHOPPERS: For J D 4400, 6600, 6620, 7700, M F 510

MECHANICS SPECIALS: TRACTORS 4020 Tri
F706 D , As Is, JD 3010 D , As Is

DECEMBER SPECIALS

TRACTORS	
(70) JD 5020	$ 4,500
I.H. 1206 W.F.E.	$ 5,550
Case 1976, 1370 C.A.P.S., Duals	$ 8,900
IH 1086 C.A.	$ 8,900
COMBINES	
JD 55 Square Back w/Cab, 12' Grain & 2R Corn	$ 1,500
Case 1660 Gas w/6 Row And 13'	$ 1,950
1973 JD 6600 D. C.A. w/Grain Head	$ 3,950
IH '76, 915 D, Cab & Air, Turbo Hydro w/810 grain	$ 8,500
M F 510 Diesel w/Cab & Q.T Grain	$ 2,900
(2) IH 205's w/Cabs, 10' Grain Head, Buy The Pair For	$ 1,500
IH 105 w/Cab & 10' Grain	$ 1,200
MISC.	
Gehl 600 w/2R Corn Head	$ 1,500
JD 38 w/2R Corn Head	$ 1,000
NI 509 Haybine	$ 1,500

Largest Selection Of Quality Farm Equipment In The East

1 FARM EQUIPMENT

MF 285 diesel, excellent, $6,950. 301-833-9091

MM 335, $2,250. 301-876-1956

Long Hard Hose Irrigation Traveler, excellent condition, brand new hose, $12,000. 717-867-4896

MF 1130, excellent, $5,500. 301-833-9091

MF 165 with 236 quick tach loader, good condition $5800. 301-592-3868.

MF 205 Manure Spreader with gate. Single beater. 205 Bu. $900. 301-898-7426.

Loader/tractor Ford 2600, 3pt, like new, $9,000. Vermeer 18hp trailer chipper, $3,500. Delaware County. (215)358-0725.

Long 510 (50HP) with heavy duty quick detach loader, 740 hours, excellent condition $8,550. 215/488-7060

Little Giant 36' elevator w/ wagon unloading extension. Call for details. (609)299-4952.

LOADER ATTACHMENT JD #48, $1,800. 301-833-9091

LONG 610DT w/Allied 594 QT loader, 700 hrs., 4x4, $10,500. 301-833-9091

John Deere 1020 tractor with #47 loader, $6,400. 301-876-1956.

John Deere 1520, gas, power adjust, 50% tread. $4,750, offer. (215)683-3094.

WINCO PTO GENERATORS

MODEL NUMBER	POWER RATING (WATTS)	ELECTRICAL SPECIFICATIONS VOLTS	CYCLE	PHASE	AMPS	MOTOR* STARTING ABILITY	COMBINATION MOTOR LOAD OPERATION	TRACTOR PTO HP REQUIRED	NET WEIGHT (POUNDS)	SHIPPING WEIGHT (POUNDS)	
8PTOC-3	8000	120/240	60	1	33	3	6	16	256	275	$1500
25PTOC-3	25000	120/240	60	1	104	15	25	50	302	325	$2400
35 PTOC-3	35000	120/240	60	1	146	20	35	40	490	550	$2875
40PTOC-4	40000	120/208	60	3	111	25	40	80	490	550	$3200
45PTOC-17	45000**	120/240	60	3	108	30	45	90	490	550	$3200
55FPTOC-3	55000	120/240	60	1	229	30	55	110	675	740	$3950
75FPTOC-4	75000	120/208	60	3	208	40	75	150	675	740	$4585
75FPTOC-17	75000**	120/240	60	3	180	40	75	150	675	740	$4585

* Code G capacitor start motor under full rated load. Full 3 year warranty.
Above price includes generator, power cord & PTO shaft.

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LONG TRACTOR SALE!
Year-End-Sellout!

1 - Long 510 - 4 WD, 50 HP (New)
ONLY $9400.00

1 - Long 360 - 2 WD - 35 HP (New)
ONLY $6900.00

1 - Long 310 - 4 WD - 28 HP (New)
ONLY $8900.00

1 - Long 1198 Backhoe w/Pump (New)
ONLY $3900.00

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Chevrolet Small Block Engine Rebuilt Kits, Rings, Rod Bearings, and Main Bearings With Full Gasket Set $89 90

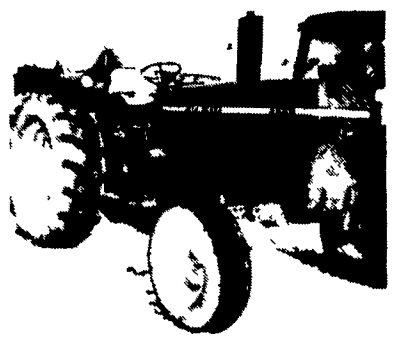
Cam Kit Cam Lifters & Prelube $89 95

Other Kits Available At Comparable Prices

Perfect Circle, M&W, TRW and Sealed Power Tractor Industrial Kits Available

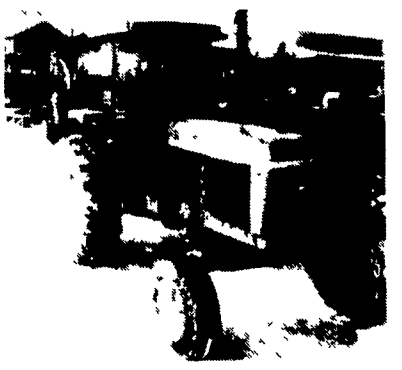
Full Engine Machine Shop Service and Rebuilding Available

TRACK DOWN GREAT YEAR END BUYS ON QUALITY USED EQUIPMENT!

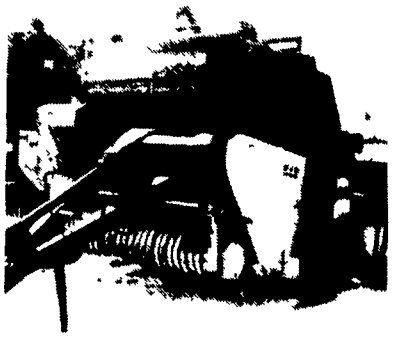


JD 2840 80 HP, 1 Owner,
Very Clean, Ready To Go
$11,900

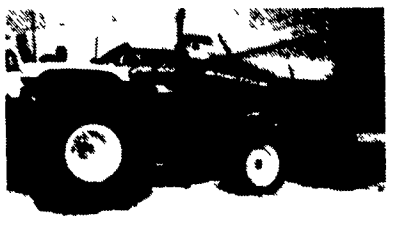
AC 175 Diesel, 62 HP,
Low Hours
$8,200



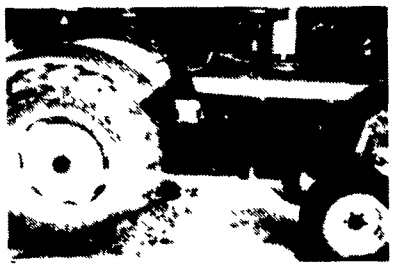
John Deere 4430, 125 HP



NH 846 Auto Wrap
Reconditioned, Ready To Go
$5,900



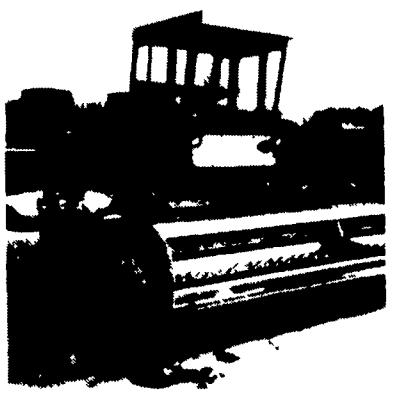
Ford 1910 28 HP Diesel
With 770A Loader, 900 Hours
$11,900



Ford 4000 45 HP,
Diesel
$3,950

John Deere 4440 130 HP,
Power Shift, 1890 Hours,
One Owner, Exceptional

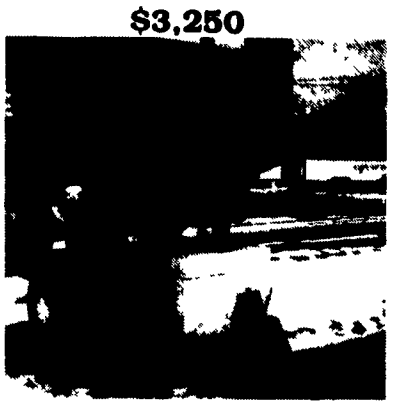
Rhino 5 Shank
Coulter Chisel Plow
Like New
$3,250



JD 830 12 Ft. Windrower
Conditioner, Gas,
Very Good Condition
Economical Mowing Machine

JD 2510 Gas, 54 HP,
Good Condition
(May Be Available On Rubber)

NH 1495 Self Propelled
Hydrostatic, Gas, Mower Conditioner,
Very Good Condition
$15,900



NH 355 Grinder Mixer, 100 Bushel
21" Mill, Hydraulic Drive
With Scales **$8,300**
Without Scales **$6,900**
Never Used

USED EQUIPMENT

Mower Conditioners
NH 488 9 Ft.
NH 489 9 Ft. $4,500
NH 474 7 Ft.
NH 469 9 Ft $1,750
IH 225 12 ft Windrower $1,500

Forage Wagons
JD 716 Box w/1275 Tandem Gear

Backhoe
Bradco 9HD $5,600
B-134 $6,500

Grain Drills
IH 510 12 ft. 21x7

Grinder-Mixers
NH 358 Hydraulic Drive 125 Bushel With Scales

Spreaders
NH 791 10 Ton Tandem
JD 450 Hydra Push 225 Bu.
(2) NH 795 410 Bu (Coming In)
NH 450 Spreader $2,500

Blowers
JD 65 540 RPM
NH 28 540 RPM

Mowers
NH 450 Sickle Bar 3 Pt. 7 Ft.

Harvesters
NH 770 With 2 Row Cornhead
JD 243 2 Row Narrow Cornhead
JD 3940 Harvester with 2 Row Cornhead and 5½ Ft. Pickup
JD 3950 With 2 Row Head and Hay Pickup (Coming In)

Balers
NH 273 Baler $3,000
JD 336 Baler & Thrower
JD 40 Thrower
NH 276 Baler w/Thrower
NH 272 Engine Baler
JD 347 Wire Tie
NH 320 Baler
NH 310 Engine Baler
JD 347 With 40 Thrower, $8,500
NH 851 Round Baler $4,900
NH 320 Baler $4,500

Rakes
NH 256 8½ Ft.
JD 670 Rake 9½ Ft w/ Dolly $1,850
NH 56 Rake $900

Tedders
Kuhn GF452 17 Ft.
Pequea 8 Ft.

Corn Planters
JD 7000 6 Row (Coming In)

Skid Steer Loaders
Prime Mower 40 HP Diesel
Bradco Backhoe
Prime Mover, 18 HP Gas, Low Hrs.
L-775 Deutz Diesel
L-785 Perkins Diesels
NH L-781 Deutz Diesel
NH L-555 42 HP Perkins Diesel
NH 445 Gas (Coming In)

Tractors
JD 40 25 HP Gas $2,400
IH 274 Offset Tractor
JD 3010 Gas Wide Front
Farmall 400 Gas
Ford 8N Gas
IH 354 32 HP Diesel $3,900
Ford 7710 86 HP MFWD With Cab (Loaded) Coming In

Tillage
10 Tooth Chisel Plow (Pull Type) $1200
IH 2 Bottom Plow
IH 5½ Ft. Disk Harrow
MF 3 Bottom Trip Plow
MF 4 Bottom Trip Plow
Landoll 5 Tooth Soil Saver $2,500
IH 18 Ft. Field Cultivator

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TRACTORS

JD 4450 Dsl., Cab & Air, Power Shift, MFD, 2200 Hrs., Excellent Condition
JD 4250 Dsl., Cab, Air, Power Shift, MFD, Excellent
1989 JD 2955 Dsl., 4 Post Roll Guard, Hi-Lo, 4x4, 80 Hours
IH 5288 Cab & Air, 20x38 Duals, Very Nice
1982 JD 4440 Dsl., Cab, Air, Powershift, Very Nice
JD 4440 D[SOLD]ab, Air, Power Shift, Very Nice
JD 2350 Dsl. SG Cab w/Air, Hi-Lo, 4x4 w/245 QT Loader
1982 JD 2440 Diesel, w/Reverser, Rack & Pinion Wheels w/146 Loader, Very Nice
JD 2940, Fully Equipped
JD 3020 Dsl. Side Console WF, Syncro Range
1972 JD 4020 D, WF, 4000 Hrs., Syncro-Range
JD 4050 Dsl., Powershift Fender Tractor
JD 4040 D, Fender Tractor, QR
JD 4240 Ds[SOLD]Cab, Air, Quad, 2000 Hrs., One Owner, Clean Tractor
1980 IH 186 Hydro., Cab & Air, Triple Hydraulic, 2800 Hrs., Very Nice
1977 JD 4230 Dsl., Power Shift, 4 Post Roll Guard, 38" Rubber, Very Good
1977 JD 4230 Dsl., Cab, Air, Quad, Very Nice
1977 JD 4030 Dsl., QR, 4 Post, 2900 Hrs., Very Good
1970 JD 4020 Dsl., WF, Dual Hydraulics, 38" Rubber
IH 2400B w/Loader, 3PT & PTO
1982 2640 Dsl., Hi-Lo, Ind. PTO, Loader Available
JD 3020 Dsl., WF, Power Shift
IH 5088, Cab & Air, 4 Hyd. Outlets, 18x38 Duals, Very Nice
IH 3088 Dsl., 640 Hrs., Excellent Cond.
IH 686 G[SOLD]WF, 3PT, Dual Hydraulics
IH 674 Gas, Row Crop, 2200 Hrs., 15.5x38 Rubber
IH 230 w/Fast Hitch
MF 2675 Dsl., Cab & Air, 24 Speed Power Shift, 18x38 Radials, Quick Coupler, Very Nice
MF 250 Dsl. 900 Hrs., w/Quick-Tach Loader
1972 Ford 4000 Dsl., 8 Spd. Ind. PTO
1989 IH 1720 Cub Cadet Lawn Tractor w/46" Mower & Snow Plow, Excellent
Ford 2000 Gas, PS, Orig. Paint

HAY EQUIPMENT

JD 347 Baler w/40 Ejector
JD 337 Baler w/40 Ejector, Used 2 Seasons
JD 3970 Harvester w/2R Head, Metal Guard & Spout Track
JD 3960 Harvester w/2R Corn Head & Electric Controls
NH 1033 Bale Wagon, Tandem Axle, 105 Bale Capacity
NH 1049 S[SOLD]ropelled Bale Wagon
NH 851 Round Baler, Very Nice
NH 849 Round Baler, Like New
NH 845 Round Baler w/Auto Wrap
NH 499 Hydro Swing Haybine, Hydraulic Tilt, Very Nice
NH 489 9' Haybine
NH 489 Haybine (New)
NH 488 9' Haybine, Excellent Cond.
NH 315 Baler w/Thrower
NH 472 7' Haybine, Cut 50 Acres, Excellent
JD 7' & 5½ ' Hay Pickup
JD 327 Baler with Ejector, Very Nice
New Farmco 18' Steel Side Hay Wagons
NH 259 Hay Rake
NH 275 Baler w/Thrower
JD Direct Cut Head To Fit 3800's To 3960's

MERRY CHRISTMAS

we wish health, happiness and good cheer, now and throughout the coming year.

COMBINES
(Displayed Inside Building)

MF 540 Cab & Air, 23" Rubber, Never Used, $24,500
1982 MF 550 Dsl., Cab & Air, 23" Rubber, w/13' Flex Head, Excellent Cond.
1982 JD 6620 Dsl., Side Hill, Cab, Air, Hydro, 1200 Hrs., Excellent Cond.
1985 JD 4420 Dsl., Cab, Air, 490 hrs., 2326 Rubber, One Owner, Fully Equipped, Excellent Condition
JD 3300 Gas Rotary Screen, Very Nice
1982 Gleaner F-2 D, Cab & Air, Grain Saver, 900 Hrs., Excellent
Gleaner F Dsl. w/Cab, 13' Head, Excellent Cond.
JD 213 and 216 Rigid Head
MF 13' Rigid & Flex Platform
AC F2 [SOLD]rain Platform
JD 10' Ridgid Grain Table, Very Nice
IH 810 13' Grain Platform
JD 213 Flex Head

CORN HEADS

JD 244, 2RW
JD 343, 3RN
JD 443 4RN, Low Tin
JD 443, 4RN
JD 444, 4RW
JD 643 6RN
IH 844, 4RW
IH 863 6RN
MF 44, 4RW
MF 1143, 4RN, Like New
MF 1144, 4RW
MF 1163
AC 438 Black 4RW
AC F430
AC A430 Black 4RN

TILLAGE

JD 3000 12' Double Offset Disc
JD 2500 4x18 Spring Reset Plow
JD 1630 12' Plowing Disc
JD 1450 5x16 Plow
Brillion 10' Pull Type Chisel Plow
IH 700 4 or 5 Base Spring Reset Plow
IH 710 5x16 and 5x18 Spring Reset
IH 710 5 or 6x20 Spring Reset Plow
IH 720, 6 Base Spring Reset On-Land Hitch Plow
IH 735 5 Base, Variable Width, Spring Reset Plow
Brillion 12' Cultipacker w/Transport
Brillion 14' Roller Harrow, Dual Inboard Wheels
Landoll Soil Finisher (New)
JD 13 Ft. 3PT Field Cultivator
IH 16 Ft. 3PT Wingfold Field Cultivator
Brady 18 Ft. 3PT Hyd. Fold Field Cultivator
JD 12' Cultipacker
JD 230 20' Hyd. Wingfold Disc
JD 220 18' Centerfold Disc
Neimeyer 10' Power Harrow, Excel. Condition
Kewanee 12' Finishing Disc
White 4 Base 348 Plow
White 5 or 6x18 Spring Reset Plow Onland Hitch
White 6X, 18" Spring Reset Plow
Miller 12' Heavy Offset Disc, Very Nice

CORN PICKERS

NI 327 Husking Bed to Fit 2R Pull Type
NI 324 2RW 12 Roll Husking Bed, Very Nice
NI 323 1R Corn Picker
JD 300 Husker, Late Model, 2 or 3 Row Head

GRINDER MIXERS

Gehl 6[SOLD]der Mixer, Very Good
NH 355, Hyd. Drive
NH 352, Very Good

STALK SHREDDERS

JD 27, Very Nice
IH #60 6 Row
Brady 6 Row
Mohawk 15' Hyd. Fold Rotary Mower

We have lease financing available for above equipment.

MISCELLANEOUS EQUIPMENT

JD RM 6R Cultivator
JD 148 Loader w/Valve
IH 2250 QT Loader
18x38-18x34-20x38 Duals
JD 450 Hydro Push Manure Spreader
FM #30-C 500 Gal. Air Blast Sprayer w/Engine
Great Bend Heavy Duty Loader for Row Crop Tractor
NH L225 Skid Loader
JD 46A Loader To Fit 2510 Thru 4020
JD 48 Loader w/Valve

NEW ARRIVALS

1981 JD 4440 Diesel, Cab, Air, Quad, 2600 Hours, Very Nice
JD 4430 Diesel, Cab, Air, Quad, One Owner
Bale King 18' Hay Wagon
JD 4240 D, Cab, Air, One Owner, Very Nice
JD 2950 D, Cab, Air, Mechanical Front Wheel Drive
Ford TW20, Cab & Air, Dual Power, Excellent Condition
NH 353 Grinder Mixer, Very Good
JD 1530 D, Hi-Lo, 1300 Hours, 145 Loader, Excellent Condition
NH 846 Round Baler With Autowrap
IH 1066 D, Red Cab & Air, Recent Engine TA & Clutch Rebuilt
JD 444 Oil Bath Corn Head
IH 800 4R Plate, Dry Fert., Monitor, Low Acreage Planter
Noble 4R Cultivator, Danish Tine
JD 4030 Dsl., Cab & Air, QR, One Owner, 3100 Hours

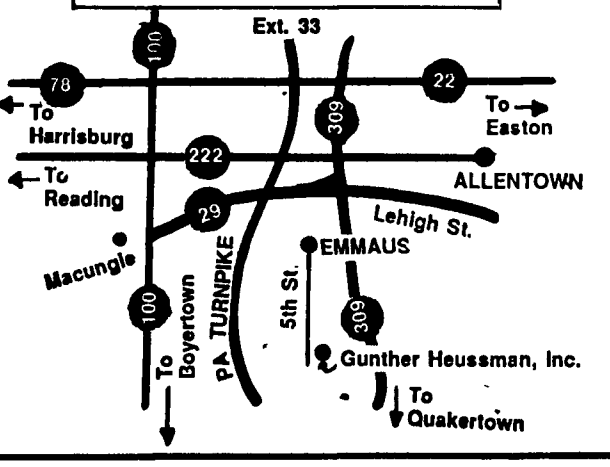
PLANTING EQUIPMENT

JD 7200 4R C[SOLD]nservation, Dry Fert., Fully Equipped, 1989 Model (Almost New)
JD 7000 4R Conservation, Dry Fert., Insect. And Monitor
JD 7000 4R Dry Fert., Insecticide, No-Til Coulters
JD 7000 4RN Liquid Fert., Insect., No-Til Coulters
IH 5100 18x7 Double Disc Grain Drill w/Grass Seed

SPECIAL YEAR-END CLEANUP

NH 845 Round Baler, $3,450
NH 851 Round Baler, $3,950
JD 3960 Harvester, Elec. Controls, $4,950
NH 477 Haybine, $1,850
NH 315 Baler w/70 Thrower, $3,650
IH 810 15' Grain Platform, Mechanic's Special, $650
JD 13' Floating Cutter Bar Platform, Mechanic's Special, $750
MF 44 Corn Head, $600
FMC 500 Gal. Air Blast Sprayer With Engine, $475
Great Bend Heavy Duty Loader, $1,250
IH 2400 Tractor/Loader, $4,650
Farmall 230 Tractor, $1,650
IHC 510 4x16 Semi Mount Plow, $675
3 Pt. Field Cultivators JD 1100 & IH Vibra Shank, $750 For Either
JD 7000 4R Plate Planter, Fert., Insect., No-Til Openers, Good Cond., $2,750

TRADE IN SPECIAL
Gleaner F Dsl. w/Cab, Grain Saver, 13' Grain Head, Local Trade, $4,650



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- 55 Gal. Drum SAE 30 — $174.73
- 55 Gal. Drum Tractor Fluid — $180.84

With Drum Deposit, Or Exchange For A Good Drum

END OF YEAR SPECIALS

TRACTORS

** **Ford 7610,** dual power, dual remote, dual fuel tanks, dual fuel pumps, 18 4x34 rear tires, rear weight $14,550
** **Ford 850,** 5 spd , 14 9x28 tires, big hyd pump $2,650
** **JD 350 diesel** loader dozer tractor w/2 buckets & fork attachment, good cond. $7,250
** **JD 4020** gas, dual hyd., wide front, clean & original. $6,650
* **Farmall Super M,** 12 volt, wide front. . . . $1,975
* **MM 335,** power steering, live PTO, 3 pt , 38 h p. $1,850
** **Gehl 6620 Skid Loader,** 60 ho., Perkins engine, 2000 lb lift capacity w/factory warranty, List $29,461 . . . . . $19,950

Harvesting Equipment

** **Fox Max I Harvester,** self propelled, 1,000 RPM, cab w/air & heat, 2 WD, Detroit 238 hp, 2 row wide head & hay head, clean . . . . . Call For Price
* **MF 200 Harvester** w/2RN & hay head, electric sharpener $1,995
** **MF 260 Harvester** electric sharpener, 2 RN & hay pickup, excellent condition $2,450
** **IH 720 Harvester,** 2RN head $2,250
* **JD 3800 Harve** SOLD RN Corn Head . . $2,850
** **JD 2 RN Corn Head,** fits late style harvesters w/slip clutch $995
** **NH long tongue** w/1,000 RPM for 890-892. Will trade for short tongue... . . . . Call For Price
** **NI 729A** Sheller unit for Uni Systems. . . . . Call For Price
** **JD 530** round baler w/monitor, big flotation tires, like new . . . . Call For Price
* **NH 258 Rake,** rubber mount teeth . . . $1,850
* **NH 256 Rake** $1,550
* **JD 660 Rake** w/dolly wheel $1,850
* **NH 1890** snapper head, 3 row wide . . . $1,850
** **Automatic Model 9450E Roller Grinder Mixer** w/Digital Scales, 120 Bu , Like New $7,950
** **Krone Model 151** round baler, shed kept, excellent $5,950
** **NI 456** round baler w/endless belts, good condition $4,950

Planting & Tillage

** **K.M.C. Versa Drill,** no till, 10' wide, 4,600 lbs., 18 tubes, 6½ " spacing $6,850
* **JD 1250** 6 row corn planter w/monitor, excellent condition $1,550
* ***Ford 309*** *2 row, 3 pt corn planter* w/insecticide $475
* **Brillion 9' cultipacker** w/4" axle $685
* **Brillion 10' cultipacker** 4" axle w/transport whls. $975
* **Brillion 12' cultipacker** w/4" axle $795
* **IH 2-14" Plow** $375

Manure Handling Equipment

** **IH 1550 loader,** fits 574, 674 & 84 utility tractors w/big bucket $1,250
** **MF 236 Loader,** Manure bucket, extra valve . . . . . Call For Price
* **Oliver 1610** loader w/extra bucket $850
* **NI #9** 4 wheel hose spreader $775
* **NI 12A Spreader** original $875
* **Oliver Spreader** ground drive $450

Miscellaneous

** **1979 350 Ford Truck** 400 Engine, 4 spd., air, 8'x12' cattle body w/treaded steel floor, 38,200 actual miles $5,650
** **John Blue 400 Gallon Sprayer,** aluminum tank, ground drive, 25' booms $1,950
** **Bush Hog 306** pull type rotary cutter, heavy duty for brush $1,575
* **24' Single Chain Elevator,** on Carriage $375
* **V Plow** Fits IH Loaders $325
* **Heavy Duty Snow Plow** For Trucks Or Tractors $495

D.J. IMPLEMENTS OF PA & VIRGINIA

* PA Sales Lot ** VA Sales Lot

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Till 7 p.m.
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or Dan (same time)
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1 FARM EQUIPMENT

WHITE FARM EQUIPMENT

NEW EQUIPMENT

WHITE-
FB 31, 4WD w/Loader
FB 37, 4WD w/Loader
598 5/6 Bot. Plow
5100 4-Row Planter w/Dry Fert.

KUHN-
11' 6 Rake & Tedder

GEHL-
HT 243 Tedder
FB 1540 Blower
FB 1560 Blower
FB 1580 Blower
MC 2170 Mower Cond.

BRILLION-
10 Ft. Grass Seeder
Deep-Til Implement
MDS-148 Pulvimulcher

NEW IDEA FARM EQUIPMENT

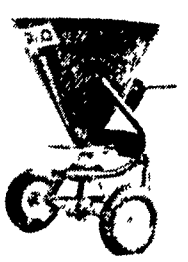
NEW IDEA-
3618 Spreader
3622 Spreader
3626 Spreader
3632 Spreader
3639 Spreader
406 Hydraulic Rake
5109 Mower Cond.

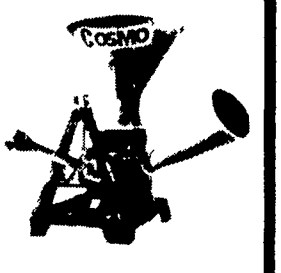
USED EQUIPMENT

NI 323 1-Row Corn-picker
NI 400 Rake
NI 526 Disk Mower
NI 224 Spreader
NI 212 3-Beater Spreader
Gehl 4300 Skid Steer Loader
Allis 185 Diesel Tractor
Oliver 1550 Gas Tractor

MILLER EQUIPMENT CO.

RD 1 Bechtelsville, PA
215-845-2911





Pull Type $650
3 Point $350

Chipper-Shredder
PTO- 3 Pt. $1750

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Pine Grove, PA 17963
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Best Buys in Used Equipment

Case 580D Loader Backhoe
MF 30B Tractor Loader
Case 1845 Uniloader w/Backhoe
Case 1845 Uniloader

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Gehl 12 Ton Running Gear, Single Axle
Midwest Dump Cart
N.H. 310 Baler w/Thrower
Gehl FB99 Forage Blower
Martin 2100 Vanguard Spreader
J.D. 660 Bar Rake
Oliver 242 Disk Harrow 10'
Lely 7' Disk Mower 3 Pt.
Knight Little Auggie Mixer Feeder
D130 Backhoe Fits Skid Loader
Case Garden Tractors
Beck 5 Ton Utility Trailer
Badger Forage Box w/Roof
Hesston 10' Hydraswing Mower
Woods Belly Mower

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COMBINES

Low Rate Or Interest
Free Financing
On All New & Used Combines

'78 NH TR70 Cat diesel, 2,500 hrs., 6RN, 15' platform, good condition
(2) '79 JD 4400 diesel, 1,600 hrs., excellent condition
'85 JD 6620 Side Hill Titan II, very good condition...Coming In
JD 6600 Level Land, diesel, hydro, good
JD 6600 Level Land, diesel, rotary screen w/15' platform, good condition
JD 6600 Level Land, diesel, rotary screen, good condition
MF 760 w/6 row corn head, 15' bean platform, very good
MF 760 Hydro, 1163 CH, 15' platform, $16,500, very good
(2) MF 410 w/cab, platform, $3,500 each
MF 510, cab, dsl., platform, $3,500
NH 975 w/platform, cab, $2,500
AC L630 corn head, excellent, $4,500
(2) MF 44 corn heads, $1,500 & $2,500
(2) MF 43 corn heads, $2,500 each
JD 444 corn head
JD 215 rigid platform
JD 3960 forage harvester, good condition

New Combines In Stock

New 9400 Maximizer
New 9500 Maximizer

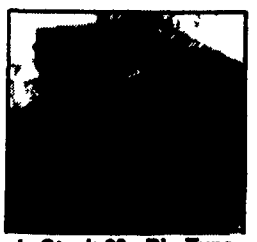
NEW TRACTORS IN STOCK

(3) 55 h.p. 2355
75 h.p. 2755 w/SGB
85 h.p 2955, 4 post, RG
95 h.p. 3155, SGB, MFWD
140 h p. 4455, SGB, 2 whl.
Special Financing

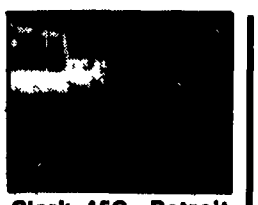
Just Arrived

JD 2550 65 h.p., SGB, MFWD, 1,400 hrs w/245 loader

In Stock - Fresh Load Of Snow Plows, 10 Ft., 11 Ft., 12 Ft., 2 ways, one ways.
Starting At $1,000 complete

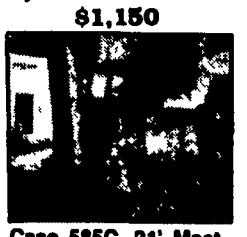


In Stock 60+ Bin Type Spreaders, 9 Ft. Hydraulics
$1,150

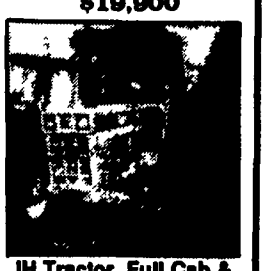


Clark 45C, Detroit Diesel, Full Cab, Heater, Good Cond.
$19,900

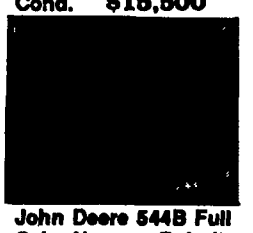
Case 580C, Full Cab, Footswing, Excellent Cond.
$13,500



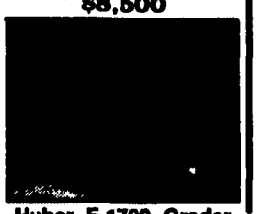
Case 585C, 21' Mast, Side Shift, Good Cond. $15,500



IH Tractor, Full Cab & Heater, 3 Pt. Extra Hyd., Very Good Cond. $8,500



John Deere 544B Full Cab, Heater, Rebuilt Engine, V. Good Cond.
$21,500



Huber F-1700 Grader 6V-53 D.D. Powershift
$14,500

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Case 680H, ROPS, Extend-A-Hoe . . . $24,750
Linkbelt 2600B, Isuzu diesel, 3,500 hrs., excellent condition . . . $54,500
Case 580C, full cab, foot swing, very good cond. . . . $13,500

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Cat B-10, 10,000 lb. Capacity, IH Gas, Good Cond. . . . $13,500
Case 585C, 21' Mast, Side Shift, Good Cond. . . . $15,500
1985 Clark GCS20MB, 4000 Lb. Cap, 106" Lift Height V.G. . . . $5,500
Pettibone Super 6, IH Gas, 33' Lift, 6,000 Lb. . . . $8,500

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Ferguson 11 Wheel Roller, Gas, V.G. Cond. . . . $3,500
Galion, Tandem 10-14 T Hydrostatic . . . $5,850
Essick Walk Behind Patch Roller . . . $1,250
1986 Mauldin 2 ton vibratory roller, excellent condition . . . $3,900
Galion 10 ton 3 Wheel Roller, 6 Cylinder, IH Gas . . . $2,850

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Huber M600, Ford Gas, Wide Tires, Front Blade . . . $11,000
Huber M650, Ford Diesel, Wide Tires, Front Blade, Nice . . . $14,500

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JD 4030 80-HP Dsl., Quad Range.....$ 9,500

JD 3020 70-HP Dsl., Complete Overhaul.....$ 8,950

JD 2130 60-HP Dsl., FWD, Cab.....$ 8,250

JD 3010 55-HP Dsl., S/R.....$ 4,150

IHC 1066 130-HP Dsl., WFE, 1900 Hrs...$12,900

IHC 1256, 115-HP Dsl., WFE, 10-Wts.....$ 9,750

IHC 884 70-HP Dsl., Utility, T/A.....$11,500

IHC 350 40-HP Gas w/Plow, Blade.....$ 3,250

Farmall Cub w/Blade, Plow, Cult.....$ 2,750

AC 200 100-HP Dsl., Cab.....$ 8,950

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NI 243 w/Endgate.....$1,450

IHC 575 w/Endgate.....$1,800

NH 679 w/Top Beater.....$2,750

NH 791 w/Endgate.....$3,950

CORN PLANTERS

JD 7000 6R30 Conservation w/Dry Fert., Insect.....$7,850

JD 7000 6R30 Conservation w/Liquid Fert., Insect.....$7,350

JD 7000 6R30 w/Dry Fert. Insect., Unit Coulters.....$6,650

JD 7000 6R30 w/Dry Fert. Insect.....$4,350

JD 7000 4R30 Conservation, w/Liquid Fert., Monitor.....$6,500

Cold Weather Helpers From John Deere

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150 BTU Spaceheater w/Built-In Thermostat

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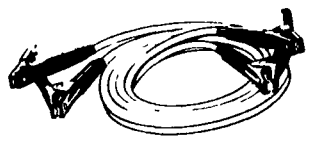
Heavy-Duty Battery Booster Cables

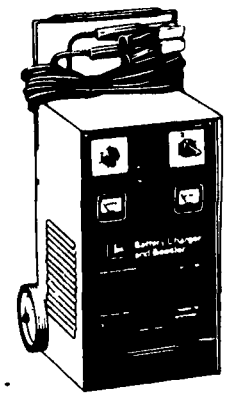


400 Amp Steel Clamps; Cables Flexible In-60° Fahrenheit.

TY15017 16 Ft.— 4 Gauge ONLY **$31.50**

TY15018 20 Ft.— 4 Gauge ONLY **$37.35**

TY15019 12 Ft.— 6 Gauge ONLY **$22.95**



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JD 1450 5B16 Semi-Mtd.....$1,250

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JD 1600 3B16 Spring Reset.....$3,450

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JD H1000 11-Ft.....$375

Bush Hog 16-Ft.....$1,150

MF 233 12-Ft.....$3,950

NH TD50 14-Ft.....$4,150

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McKee 72" 3 Pt. Snow Blower.....$1,200

Brillion 10-Ft. Grass Seeder.....$2,975

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Owatonna 330 Skid Loader.....$5,500

Century 500 Gal. Sprayer.....$2,850

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NH 1880 S-P Harvester w/Cab, 3R30.....$8,250

JD 16A Flail Chopper.....$1,950

JD 3960 Harvester w/Elec. Controls.....$9,950

JD 3800 Harvester.....$2,950

JD 35 Harvester w/1-Row, 5½ -Ft. Hay P-U.....$1,950

JD 3970 Harvester w/7 Ft. Hay P-U, 3R30.....$17,600

JD 716 Forage Wagon, Roof w/1275 12-Ton Wagon.....$6,400

JD 716 Forage Wagon w/Roof.....$5,300

JD 716A Forage Wagon w/1075 10-Ton Wagon.....$4,500

JD 216 Forage Wagon w/1065 7-Ton Wagon.....$2,450

COMBINES

JD 7720 Titan II, Cab, Hydro, AHHC, 1455 Hours.....$56,900

JD 6620SH Titan II, Cab, Hydro, AHHC, 2500 Hours.....$42,000

JD 7720, Cab, Hydro, AHHC, Grain Loss Monitor.....$33,900

JD 4425, Cab, Variable Speed, AHHC, 850 Hrs.....$44,900

JD 7700 Cab, Hydro, AHHC.....$12,500

JD 7700 Cab, Variable Speed, AHHC.....$10,500

MF 750, Cab w/6R30.....$13,500

MF 860, Cab, w/15-Ft. Flex, 6R30.....$43,500

Gleaner F2, Cab, w/13-Ft. Flex, 4R30.....$21,500

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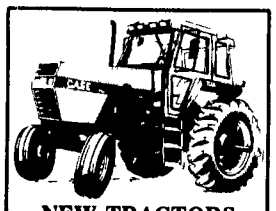
1 FARM EQUIPMENT



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CASE-IH
245 2WD Turf Tires
255 AWD Ag Tires
275 2WD Ag Tires
275 AWD Ag Tires
385 AWD
585 AWD

NEW EQUIPMENT
2200 Loader
(2) 2250 Loaders
2255 Loader
(3) Woods Dixie- 5'
RM 59
Woods 6'x7' 3 Pt. Blades

USED EQUIPMENT
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Woods Dixie 5'
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Woods 42"- FAR. Cub

USED TRACTORS LAWN & GARDEN
Simplicity 5116 w/Bagger
Cub Cadet 102 w/Mower & Blower
Cub Cadet 482 w/38" Mower
Cub Cadet 800 w/38" Mower
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Thorndale, PA
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TRACTORS
JD 655, 4WD
JD 755, 2WD & 4WD
JD 855, 4WD
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JD 950, 4WD
JD 900 HC
JD 670 2 & 4WD
JD 770 2 & 4WD
JD 1070 4WD & 2WD
JD 4455 4WD, SG, PS
JD 4055 SG, PS

PLANTING EQUIPMENT
JD 7200 6R Cons. Planter
JD 7000 Cons. Pltr. 6R
JD 7200 4R Planter

HARVESTING EQUIPMENT
JD 4435 Combine

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JD 610, 8' Chisel Plow
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NH 275 Baler w/ Thrower
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IH Cub
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- Deutz Allis GP 2.30 Round Baler
- Deutz Allis KS 1.50 Rake, Demo Unit
- Deutz Allis 6250 Tractor w/456 Loader

USED EQUIPMENT
- IH 1086 Tractor, Excellent Cond.
- Deutz Allis R-6 Gleaner w/Heads
- Cub Cadet 582 Tractor, 44 in. mower

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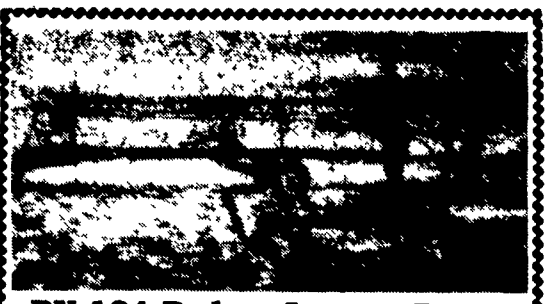
2095 SOUTH MARKET STREET ELIZABETHTOWN, PA



BN 184 Badger Lagoon Pump
Hyd. Operated, Good Condition
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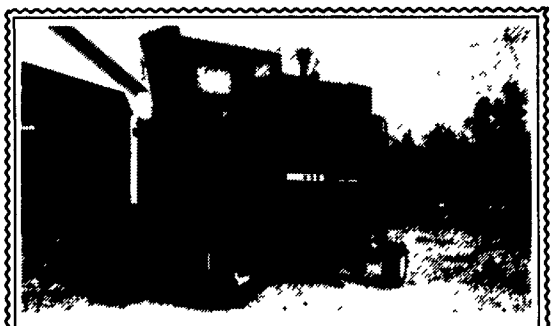

JD 4400, gas, very good.
$6,450
Also JD 4400, diesel, sharp!
$8,500
Larry Stalter, "The Combine Man"
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Can Finance

Several Used L&G Tractors Bolens, Case, Cub Cadets, Ford
Some w/Snow Removal Equipment

USED EQUIPMENT
Ford 340B, tractor/loader, 1 yr. old, 126 hrs., like new
14 HP economy tractor 3 pt., 2 speed trans., some attachments, good condition
(2) Ford 800
MF 65 3 pt. remotes WFE (clean)
Case David Brown 995, good cond.
IH 350, nice condition
Ford 6000
OMC Mustang skid steer 342 diesel, bucket & Fork, good condition
NH 269 Baler
NH 275 Baler
Hesston #10 Stak Hand
AC 2 Row Harvester
NH Super 717
IH 540 spreader, new sides
Deutz Allis SM 70 disc, mower/conditioner
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Kubota L-2000, Completely Reconditioned
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Fox 2000 Harvester w/2 Row Narrow
Assortment of Gehl 99 Forage Blowers

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(2) Hesston 1014 Windrowers
Hesston 1090
(2) Case 555 Mower Conditioners
Case 655 Self-Propelled 8' Head
Case 650 Self Propelled
NH 469 Haybine
Vicon KM 321

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Case 430 Loader
Case 580D, ROPS w/Extendahoe
Case 580C, Extendahoe
(2) Case 1740 Unloaders
Case 1530
Gehl 4610
Case 580E 4 Whl. Dr. Stand. Hoe

PLANTERS
AC 333 6-Row No Till
White 5100 Air Planter, 6-Row

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Van Dale Feeder Wagon
NH 271 Baler w/Kicker
3 Axle Trailer

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Woods RM48 Mower
Lawn Star 1036 w/Mower
Ford YT18H Garden Tractor w/Mower
Bolens H14 Garden Tractor w/Mower & Snowblower
Bolens 1054 w/Mower, Snow Blower, Front Blade & 10" Plow
JD 322 w/Mower & Power Angle Blade, Like New
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Gravely 8199 w/Mower And Snowblower
Gravely 812 w/Mower And Cultivators
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MAGNUM TRACTORS
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7120 MFD

USED TRACTORS
Case 580B TLB
Case 1270
Int. 2+SOLDdel 3388

USED EQUIPMENT
NI #311 2 RW picker
Int. 510 16x7 DD grain drill
IH #430 Baler
Int. 863 corn head
IH 2455 Loader
Case 1845B skid loader
NH 256 hay tedder
JD 224 baler w/thrower
IH 843 corn head 4RN, real nice

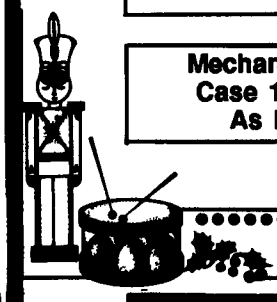
IH 720, 5F plow w/On Land Hitch, used 200 acres

Int. 5088 w/1,400 Hrs., Real Sharp

Mechanic's Special
Case 1270 tractor
As Is $4,000

Waiver of Finance Till 9/1/90 or 8.5% Financing

1981 JD 6620 Side Hill w/6 row narrow heaSOLD5' flex head, good condition



Happy Holidays

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7:30-5:30 Mon.-Fri. 7:30-4:00 Sat.

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Combines	Harvesters	Planters
Cultivators	Haybines	Plows
Discs	Mowers	Spreader
Drill	Pickers	Tractors

IH: 915, 815, 715, 615, 315, 205, 203, 503, 403, 303, 93, 91, 141, 105, 82, 80, 76, 74. JD: 7700, 6600, 4400, 3300, 105, 95, 55, 45, 40. MF: 760, 510, 410, 300, 205, 35, 92, 82, 72, 90, 80, 70, 60, 27, 26. AC: Gleaner, F, L, M, K, G, E, C, C2, A, 60, 66. Oliver: 545, 535, 525, 430, 40, 35, 33. NI: Uni, 710 Combine, Huskers, 705, 702, 701, Comb ne shellers & harvesters. Case: 1160, 960, 700, 660, 600. NH: 1400, 975, 985, TR70. MM: 5297, 3496, MM Uni, White 8600, Field Boss, 7300, Massey 750D, Straw Spreaders & Choppers; JD 7720, Motors, transmissions, tires, corn & grain heads.

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75 To Choose From

JD 4400 gas w/heads
JD 6600 hydro side hill w/ heads
(3) JD 6600 diesel rotary screen w/grain head choice, $7,000 ea.
(2) JD 4400 diesel rotary screen w/grain, $7,000 ea.
JD 6600, diesel, hydro w/ heads
JD 55 w/12' Grain, $2,000
1977 JD 6600 side hill w/6R 30" & 14' grain, $17,000
JD 3300 gas w/2 heads
AC D19 diesel tractor w/ loader
AC WD45, gas
1976 AC M diesel, hydro, w/choice of 6R black, 4R 30" black, or 4R 38" & black flex grain
AC F2 w/corn & grain head
AC E w/10' grain & 2R
AC FKS dsl. w/heads $7000
AC Gleaner F2, hydro diesel w/heads
AC C2 diesel w/grain 4R 38" & 4R 30"
AC late C2 w/grain & 4R corn, $3,950
Gleaner F2 w/heads
(2) C-2 Gleaners w/4RW for 4RN & grain head
Massey 35, 8' head
MF 510 w/4R 30" & grain
(2) MF 510 diesel w/head
(4) MF 410 diesel w/ heads
MF 510 diesel, hydro w/ heads
MF 410 diesel, hydro w/ heads
MF 300 diesel, quick tach w/heads
1983 MF 850, 28x26 tires, 1700 hrs., silver cab w/grain 6R 30" or 4R 38", clean, one owner.
MF 510 diesel gear w/ heads
IH 206 w/grain
IH 715, gas, w/heads
IH 715 hydro diesel w/ heads
IH 815 hydro diesel late low profile w/6 or 4 row & grain
IH 141 w/12' grain, 2 row corn, 1 owner, nice
IH 1460 axle-flow w/820 grain head & choice of 4 or 6R corn
IH 1440 Axle Flow Combine w/grain & 4R corn SOLD
IH 615 gas w/810 flex, 2 or 3R corn

1970 IH 4070 Transtar 250 Cummins, 13 speed, w/new 27' steel bed, excellent hay truck

IH 715 hydro diesel w/ grain & corn
NH TR70 Ford diesel, choice of heads
NH TR70 V8 Cat diesel hydro, big rubber, choice of heads
1983 NH TR85 hydro Cat. V8 diesel w/grain & 4R corn, low hrs.
NH TR70 Cat. diesel, 4 row 30", 13' grain
NH TR70 Rotary, hydro V8 Cat. dsl. w/12' flex & choice of 4R 30" or 6R 30" or 4R 38" corn
NH 1400 w/grain & 4R 38" corn, $6,000
1160 Case, real sharp, w/ grain & 4R corn

DISC HARROWS

IH 350 disc, nice
IH 500 HD, $1,500
JD 8' wheel disc, real nice
IH 500, HD, $2500
IH 500, HD, field ready, $3500
IH 470 wheel disc, $1500
(2) off-set discs from 8' to 11'
JD 10 to 14' RWA discs
JD 12' heavy duty disc, $2500
4 IH 37 10' to 13'
10 & 12 tooth trailer chisel plows
3PT 8' disc
8, 10, 12, & 14' Wheel Disc
7 & 8' drag discs
Good selection of wheel discs

TRACTORS

Kubota B6000 E, lawn type, diesel, w/3PTH
Case 470 diesel w/3PT, WF, 34HP
Case 430 w/loader
Ford 8N, real nice
Ford 850 3PT gas
Ford 3000 diesel w/ Sauder loader
1952 Ford 8N, new tires w/step up
(2) Farmall H w/cultivator or loader
IH 706, gas, 3PT, nice
IH 706 diesel, WF, 3PT, good shape, $5,000
IH 706 gas, original, nice
IH 856 diesel, cab, WF, A1 shape
IH 656 diesel, WF, 3PT cab, real nice
IH 4366 new motor, 3PT, 4WD, duals front & back
IH 340 low utility WF, PS
IH 664, utility, diesel, 3PT, $3475
1975 IH 1066 tac. cab, new TA, & clutch/ pressure plate w/ 20x38" rubber, nice
IH 504 hi crop w/bean picker
JD 4010 gas w/duals
(3) JD A late models
Late JD B
(2) Farmall Super H, good paint

There was a star in the East on Christmas morn; rise up shepherds and follow.

Seasons Greetings

IH 3444 ind. diesel w/ loader & 3PT, $5,500
IH 574 diesel 3P, $5700
IH Cub 1250 hydro w/ mower
AC WD 45 gas
AC D17, diesel, WFE & loader, $2600
AC D17, gas, NF, $1875
Farmall 706, gas, real nice
Farmall Super MTA
Farmall H, nice
Farmall 560 diesel, nice
Farmall H
Farmall, late H, w/WF, nice
Farmall Cub, hyd. w/IH belly mower
Oliver 1755 gas, WF, 3PT, real nice
Oliver Crawler w/Roll Guard
IH 3444 industrial dsl. w/3PT & loader, $4,500
IH 806 diesel, WF
IH 504, power steering, 3PT
IH Hough Payloader
IH 400 Dsl. w/power steering
IH 674 dsl., row crop, 65hp
Yale 3000 forklift, needs trans. work, $500
C Allis w/belly mower
Massey Pony.
MF 1085 w/multi power, $5500
Ferguson T020 3PT

WIDE FRONT ENDS

AC D15, P/S
Ford 6000
Farmall A
MF 65
Massey 44 & 444
Massey 101, 30 & 33

SPREADERS

(2) JD 40, hyd. endgate, choice $700
IH 540 w/hyd. gate, $1375
NI 12A ground drive, real nice
NI 214 w/gate

SAFEMARK DEALER

CORN PICKERS & ELEVATORS

AC 1R
(2) NI #7 & #10, 1R
NI 10, 1R
NI 319, 2R, mounted 12 roll bed
Ford, 1R, side mounted, blue
JD 2010 D w/237 JD mounted
JD elevator w/drag line
Case and others

ROTARY MOWERS

Woods batwing mower
IH 7' pull type
Bushog 12', HD
JD 707, 14', repainted
(3) IH semi & trailer belt drive
MF 7' belt drive mower
Woods 12' pull type
(2) Ford, 3PT
Ford 6' pull type
2 Woods 7' trailer
20 New 6' 3PT IHMC
3 pt. 6, 7 & 8'
Also pull types.

PLOWS

AC 416 semi
AC 4 bottom 16" semi
Oliver 3 bottom 14" 3 pt.
IH 616 auto reset
IH 720 spring reset 5x16, $2,500
(2) IH 4x16, 1 w/hillside hitch
IH 510, 5x18 trip, nice
IH 700, 5 bottom, auto. reset
IH 710 6 bottom 16" trip
IH 60, 3 bottom, 14" trailer
JD 1450 5 bottom 16" trip hillside hitch
JD 7 bottom 16" on land hitch, w/front wheel
IH 55 trailer type spring tooth
10 tooth Landol trailer chisel plow
JD 4 bottom, 16", trips
IH 700, 5 bottom, 16"
JD 3 bottom 16", 3PT
Trailer plows
JD 1600 trailer chisel, nice
JD 2500 5 bottom 18" spring reset
IH 710 5 bottom trip, nice
JD 1450 6 bottom 16" hillside hitch
MF trailer chisel plow high clearance, $2485
IH 650 6 bottom trip, nice
(2) JD F145 5 bottom 16", $650 & $850
JD 4 & 5 btm.
Ford & JD 3PT 2-btm.
Plows, 2 to 7 bottom
JD & IH 3 & 4 bottom drag plows

HAYBINES & RAKES

IH 990 9'
JD 1209 9'
JD 1209 9', $2,450
(2) JD 1207, 7'
NH 488, 9', $1650
NH 467, 7', $1200

BALERS

IH 47 w/thrower, $750
NH 1032 stackliner, tandem axle, auto. bale wagon
NH 66 w/motor working order, $450

MISC.

Brillion 12' cultipacker
Orchard sprayer w/power unit

CORN PLANTERS & DRILLS

IH 400 air 4R no-til planter
Ontario S disk, nice
JD 15 double disc grain drill

HARVESTERS

Gehl 6' flail chopper
(2) NH 33 flail chopper
NH 36 flail chopper
JD 35 w/2R head
JD 216 tandem wheel unloading wagon
(2) JD 16A 6' flail chopper
JD 38, 2R, & pickup, $1,500
IH 110, 3 beater, unloading wagon w/roof
IH 720 w/2R head
(2) IH 550, 2R, & pickup, $500
IH 350, 1R, & pickup. $400
IH 7 flail chopper
NI 768 WN 3R 30"-38" head
AC 780 2R chopper w/ pickup
Coby 3 beater unloading wagon w/roof

NEW 3 PT. EQUIPMENT

Post Hole Diggers
Snow, Dirt, Manure Blades
Stone Rakes
Rotary Cutters
IH 2R 38" fits 615 & 715
IH 4R 30" fits 403 & 503
IH 4R 38" fits 403 & 503
JD 3R 30" fits JD 45
JD 3R 30" fits JD 3300 & 4400
JD 2R 38" fits JD 40, 45 & 55
MF 4R 38"
MF 3R 30"
MF 2R 38"
MF 4R 30"
AC 4 row 38" fits F & F2
C2 3 row 30" & 3 row 38" & 4 row 30"
Case 600 & 660 2R 38" and 3R 30"
NH 4R 38"

"TRACTORS FOR COLLECTORS"

JD A, B, 70, 60
IH, F12, F30, 1020, 1020 crawler
Oliver 60, 66
Case DC, SC
AC WC
MM R, Z
Massey 30, Pony
(2) Fordsons
(2) Silver Kings

DISMANTLING TRACTORS FOR PARTS
Harvesters and Corn Heads for Parts

IH: TD5 Crawler, 3414, 1256, 1066, 966, 856, 666 Hydro, 806, 706, 704, 674, 664, 660, 656, 574, 560, 504, 404, 460, 450, 444, 400, 350, 340, 300, 240, 230, 200, MTA, M, H, C, BN, A, Cub, 154 Cub, F30, F20, F14, F12. JD. M, 4020 dsl., 4010, 3020 dsl, 3010, 2020 Dsl, 2010, 720, 70, 60, 50, A, B AC: 190XT, 180, D14, D15, D17, D19, WD, WC, CA, C, B. MF: 1155, 90, 85, 444, 333, 65, 44, 33, 30, 20. Case: 600, 300, DC, SC, VAC. Ford: 6000, 4500, 4100, 4000D, 960, 861, 860, 800, 800, 641, 600, 8N, 9N Oliver OC3 Crawler, 1800, 880, 88, 77, 70, 66, 60. MM U, MM 5 Star, MM Jet Star 3, MM 335, R, Z, E3 Coop, David Brown 990

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TRACTORS

(2) JD 4020's w/Duals
Case 2090 w/Cab, Air, Duals, Real Sharp
JD 2840
Farmall 1466, No Cab w/Duals, Aux. Fuel Tank 3,000 Orig. Hours Excellent Cond.
Farmall 1086 Dual 18.4x38. .Coming In

COMBINES

JD 7720 Combine 1982, Approx. 1500 Hrs. Excellent Condition
AC-N5 6R 30" Corn Head, 15' Flex Head, 900 Orig. Hours, Like New
JD 7720 1982 Mod., 1700 Hours, 220 Flex Head, 643 Corn Head
JD 6620, 2050 Hours, 216 Flex Head, 1982 Model

MISC.

JD 347 Wire Baler
IH #60 Stalk Shredder
JD 27 Shredder
17½ ' Brady Field Cultivator
10x28 Implement Cart
NH 495 Mower Condition, 12' Cut, Excel. Cond.
(2) JD 7000 4RW Planters, One Dry, One Liquid
(2) Great Plains No-Til Drills Excel. Cond., 2 Yrs. Old

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JD 4 Row Narrow Forage Head, Excellent.....$9,750

Tractors

Case 730 Diesel	$ 3,500
IHC 274, Hi-Crop w/Cultivators	$ 5,950
IHC 826 Hydro	$ 9,200
JD 4020 Gas, Powershift	$ 4,300
JD 850 2WD w/72" Mower	$ 5,500
JD 850 MFWD w/72" Mower & Loader	$11,500
JD 855 MFWD Loader & Backhoe, 400 Hrs.	$14,500
White 2-62 MFWD w/Loader, 2700 Hrs.	Coming In
IHC 806 Tractor	Coming In
IHC 1466 Tractor w/Cab	Coming In

Combines

JD 6620 Side Hill 1979 w/2400 Hrs., Nice	$34,900
JD 6620 Level Land 1979 w/2000 Hrs.	$24,900
JD 3300 Combine w/13 Ft. Platform, 244 Corn Head	$ 7,500

Corn Heads & Grain Platforms

JD 15 Ft. Cutting Platform, Excellent	$ 2,500
NI 844 Snapper Head, WR	$ 2,500

Miscellaneous

JD 1550 Power Till Seeder w/Grass Seed Attachment, Nice	$ 3,950
JD 1500 Power Till Seeder w/Grass Seed	$ 2,400
NI 325 Picker-Sheller	$ 3,400

Hay & Forage Equipment

(2) McCurdy 12 Ton Chassis Tandem (ea.)	$ 1,100
NH Grass Head Off of 782 Harvester	$ 650
IHC 550 Harvester w/Grass Head & 2R Corn Head	$ 2,500
JD 336 Baler w/30 Ejector	$ 5,250
Papec Forage Harvester w/Grass Head & 2RW Corn Head	$ 900
NI 272 Cutditioner	$ 1,900
NH 310 Baler w/Thrower	$ 3,750
Owatonna Haybine, 9'	$ 750
Many Used Forage Wagons	$800-$ 4,000
Hesston 5510 Round Baler	Coming In
JD 3960 Harvester w/7' Grass Head	Coming In
NH 320 Baler w/Thrower	Coming In

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Ford Tractors Equipment | NEW IDEA | Hesston | White Farm Equipment

USED EQUIPMENT

Brady 12' Flail Shredder
NH 488 Haybine
NH 489 Haybine
NH 679 Spreader
MM 670 Gas Tractor
A 6R 30" Head for AC Combine
JD 4400 Combine w/13' Grain & 4 RN C H.
(2) White 706N Corn Heads
Fox 728 2R Corn Head
Brady 722 Flail Shredder
Hesston 7150 Forage Harvester
Pittsburgh 12' Field Cultivator
White 543 4 Row Planter
JD 7000 6 Row
JD 7000 12R Corn Planter
White 2105
Vicon Fert Spreader
Badger Manure Spreader
White 271 23' Disc
Ford 871 D Tractor
NI 702 Uni w/710 Combine
NI 213 Manure Spreader
Westfield 8x46 Auger
Hesston PT10 Windrower
NI 738 Cornhead
Ford 416 4X Mounted Plow
Hesston SL30 Skid Loader

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Klingerstown, PA
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NOEL

Merry Christmas To All!

USED EQUIPMENT

1466 D, cab
1086 D, cab
560 Gas
544D Hydro
IH 606 D, 3 pt.
JD 3010 Gas
(2) IH 154 LoBoy w/ mowers
BN Tractor
F300 Gas
(2) Farmall Cub w/Belly Mower and Equip.
Allis B w/Woods Belly Mower
Farmall M
Farmall Super H
PTO Hydraulic Roll Mill
NI 323 Corn Picker
IH 10T Trail Chisel
6x32' Hydraulic Auger
8 Ton Easy Flow Bin Wagon
IH 540 Plow
IH 350 Disc
IH 10' Disc
JD 8200 14 Opener Drills
JD 4R 3 Pt. Cultivator
IH 540 Spreader, hyd. endgate
8x10 Tie No-till Drill

NEW EQUIPMENT

Amco Disk 10½'
Landall 7 Tooth Chisel
Woods Mowers
2 pt. & 3 pt. Conversion Kits
8 ton & 10 ton Demco Wagons
Danuser 12" Posthole Digger
Grimm Hay Tedders
3 Pt. Grader Blades
Cam Sprayers
Honda Engines
Glenco Soil Saver 7T w/ buster bar

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Used Farm Equipment Sales & Service
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QUALITY TRACTORS AND EQUIPMENT/REASONABLY PRICED/SERVICED & AVAILABLE WITH A 100% WARRANTY ON ENGINE AND DRIVE TRAIN DELIVERY AVAILABLE

CHRISTMAS GREETINGS

Tractors

JD 4850 power shift, MFWD, 42" rubber
JD 4450 1987 model, 900 hrs., power shift
JD 4250, 15 speed, power shift, MFWD, cab & air
JD 4050, 15 speed, power shift, cab & air, very nice
JD 2350 w/MFWD & JD 245 loader
JD 4640 cab, air, quad
JD 4440 cab, air, power shift
JD 4440 cab, air, quad
1982 JD 4240 SOLD , factory cab & air
JD 4240 quad, factory cab & air
JD 4240, power shift, factory cab & air
JD 4040 factory cab & air, quad
JD 2640 tiger stripe w/146 loader
JD 2640 w/reverser trans. & JD 146 loader
JD 2640 w/hi lo, cab, complete engine overhaul and 145 loader
JD 2240 w/hi lo, late style
JD 2040 diesel
JD 4430 quad w/year round cab, very nice
JD 4230 quad, factory cab & air, 38" rubber
JD 2030 D w/reverser trans.
JD 4020 diesel, WF, synchro
JD 520 2 cyl. w/3PT
JD 1050 diesel, low hrs. w/deck
JD 950 diesel, 800 hrs.
JD 900, HC, diesel w/cultivators, like new, low hrs.
IH 5488, cab, air, 20" radials, w/duals & 3 outlets
IH 5088, cab, air, 20" rubber, 3 hyd. outlet
IH 1486, red power, 2600 hrs.
IH 1486 factory cab & air, new TA, sharp
(2) IH 1086 fac. cab & air
1981 IH 886, factory cab & air, German engine, orange stripe
IH 186 hydro cab & air
IH 1566 black strip, '76 model, factory cab & air, new TA
IH 1066 black stripe, 76 model, factory cab & air
IH 1066 fender tractor, radial tires
IH 766 diesel, fender tractor 3PT, WF, complete engine overhaul
IH 766 diesel, year-a-round cab w/air, 3PT, WF, original & sharp
IH 1026 hydro w/cab
IH 1256 w/new TA
IH 856, diesel, WF, 3 Pt.
IH 856D, standard
IH 826, German diesel, WF
IH 756 D, WF, 3PT, very nice, original
IH 686, German, 3PT, WF, '80 model
IH 806, WF, diesel
Farmall 350 G, WF and loader, sharp
Farmall 400G
Farmall 240, WF & fast hitch
AC 7000 w/cab & air, cheap power
Yanmar 155D 4WD, 15HP, 56 original hrs., 3 Pt. & PTO

Ford 4000D loader, hoe w/3PT & shuttle trans.
JD 450C w/6 way blade

Uni Systems

NI 702 V-6 gas w/cab
NI 815, flex head
NI 711, 713 & 715 grain heads
NI 717 combine
NI 2, 3 & 4R heads wide or narrow
NI 727 husker

Combines

IH 1460, '79 model, very nice
JD 6620 side hill, 79 model, very nice
MF 850 hydro, 20' flex & 1183 8RN
MF 550 diesel, hydro, air, very nice

Heads

MF 1143 4RN corn head
MF 13' grain head
IH 963 & 863, 6RN
Case IH 1044 4RW w/60 acre total
IH 820, flex 13'
JD 443, 4RN
JD 343 3RN
JD 215 & 216 flex
JD 643, 6RN

Pull Type Pickers

Nice JD 300 Husker w/3RN or 2RW Head
NI 325 2RN Picker w/Super Sheller

Implements & Misc.

NH 495 self-propelled haybine, 12' w/gas engine, cab & air
Owatonna 345 skid loader
Case 1816 B skid loader
Cabs for IH 656 thru 1466
Dual wheels - 34's and 38's
Tractor Weights JD & IH
Complete rebuilt M&W Turbo w/kit for IH 856
Wilrich 9 Shank Chisel w/Front Cutter Blades
New J SOLD Chisel
JD 1610 pull type spring tooth chisel
11 shank 3PT mtd. DMI chisel
NH 519 spreader w/end gate
JD 8' KBA disk

Used Parts

IH 504 Utility
IH 856 Diesel
IH 706 Diesel
IH 1256
IH 70 hydro
IH 806 Diesel & gas
IH 560 D
Farmall 400 & 450 D & gas
NI 702 D & 701 G
JD 4020 dsl., powershift
JD 3020 G
NI 717 Combine
IH 706 Gas Tractor
Farmall H & M
IH Dual PTO Units
IH 826 Diesel

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Case 530 Industrial Loader
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NEW EQUIP.

TRACTORS: J.D. 2155 2WD w/TSS Trans.
J.D. 2355 2WD w/Hi-Lo, Cast Whls.
J.D. 2555 2WD w/Ind. 540 PTO
J.D. 655, 755, 855, 955, 670, 770, 870, Compact Diesels In Stock
TILLAGE: J.D. 712 11' Mulch Tiller
J.D. 425 12' Offset Disc
Brillion 12' Flail Shredder
Brillion 12' Single Pulverizer
Brillion 10' Spring Tooth Harrow w/3' Hyd. Fold Wing Sets
Pepin 12' Pull Type Spike Harrow
McFarlan 8' Chain Link Harrow
PLANTERS: J.D. 7200 6 Row Narrow Corn Planter
J.D. 7200 4 Row Narrow Corn Planter
J.D. 8350 21x7 Drill w/Fert. D.D. Offset
J.D. 8000 18x7 Drill- Plain D.D. Offset
MOWERS: J.D. 240 Disc Mower
J.D. 1219 Mower-Cond.
J.D. 350 3 Pt. Bar Mower
SPREADERS: J.D. 350 Manure Spreader w/Endgate
J.D. 450 Hydro Push Manure Spreader
NEW MISC: Wagon Chasis, Rear Blades, Post Hole Diggers, 643 6 Row Corn Head, 3 Pt. And Pull Type Rotary Cutters, J.D. AMT 600 Farm Utility Transporter

USED EQUIP.

COMBINES: '86 J.D. 6620 Titan II Sidehill 1520 Hrs. Exc. Cond.
'75 J.D. 6600 Level Land Diesel, Rotary Screen, Good Cond.
TRACTORS: Ford NAA Jubilee w/New Kelley Loader, Exc.
Ford 600 Industrial w/6' Hyd. Bar Mower
MISC: 444 Corn Heads, 213 & 215 Rigid Platforms
J.D. 8250 18x7 Fert. Drill D.D. Zig Zag
IH #21 2 Row Potato Digger
N.H. 24' Bale & Grain Elevator w/Chasis
N.H. 519 Spreader w/Endgate
Woods RM 600 3 Pt. Grooming Mower
York Rake 6' Pull Type w/Grader Blade
J.D. 10' Roller Harrow
J.D. 5 Bot. Semi Mt. Plow
Long 3 Pt. 6' Disc
3 Pt. Hitch For J.D. 2 Cyl. Tractors

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International 770 12 ft. offset disc, new 22 inch notch blades on front like new; four-row 38 inch danish cultivator, like new

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1,100 hrs., P/S, 20.8x38 duals, like new
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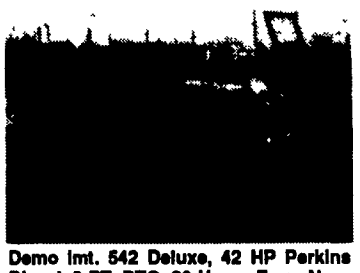
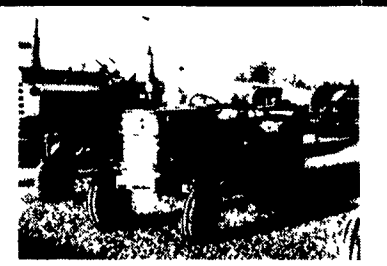


Demo Int. 542 Deluxe, 42 HP Perkins Diesel, 3 PT, PTO, 30 Hours From New, Looks & Runs New, Power Steering.
Only $7,900

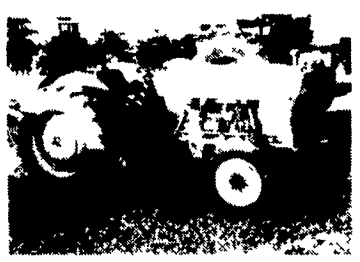
Oliver 1755 Diesel, 4WD, Cab With Air 38" Rubber, 3 Pt., PTO, 2 Remotes, Fender Tanks Clean Original 87 HP.
Price $9,500

John Deere 5020 All Season Cab With Heat, Dual Remotes, A lot Of Power For The Money.
Price $7,900

John Deere 4430- 1975 4 Post, Quad., 3 Pt., PTO, Dual Remotes, 18.4x38- 80% Goodyear Dynatorques. Come And Drive It, You'll Like It.
Asking $14,900



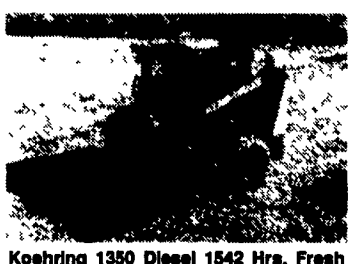
Massey Ferguson 165 Gas, Multipower Dual Remotes, 52 HP.
Price $5,500



Ford 2000 Gas, Wide Front End, 3 Pt., PTO Clean.
Price $4,500

Ford 3000 With Freeman 4000 Loader, 1972, 1700 Hrs., 14.9x28 Tires (New), 3 Pt., Live PTO, Remote, Power Steering, Rear Wheel Weights, 8 Speed, 37 H.P. Clean.
Only $7,400

Allis Chalmers 210 With Cab/Air, Dual Remotes, 3 Pt.
Price $8,900



Koehring 1350 Diesel 1542 Hrs. Fresh Paint Quick-Tach Bucket With Teeth, Extra Hydraulic For Attachments.
Price $8,900

IH 1066- Year Around Cab, Dual Remotes 540-1000 PTO's, 3 Pt. 125 HP. A Lot Of Horsepower For The Money.
Price $7,900

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FARM TRACTORS

JOHN DEERE

5020-Cab-Diesel	$7900
4020 Dual Remotes-Straight	$8500
850-4WD-3 Pt.-PTO	$8900
2640-1977-Hi-Lo New Tires	$10,500
4430-Clean-4 Post-Quad 18.4x38 Dynatorques-80%	$14,900
4430 Cab, Air, Quad	Coming In

INTERNATIONAL

AV w/Cult.	$1500
IH 350	$1600
MTA-PTO-1 Remote	$2450
Super A w/Cult.	$2900
130 Hi-Clear	$3900
140 w/Rotary Mower	$3900
560-Gas-WF-FH-Hi-Boy	$3900
856-Gas-WF-3 Pt.	$4900
140 Hi-Clear w/Cult.	$4900
574 Diesel WF-3 Pt.	$5900
856-Diesel-Cab-WF-3 Pt.	$6500
656-Gas-Hydro-Hi-Crop	$6900
674 Diesel 3 Pt. 2-PTO	$6900
1256 Diesel WF 3 Pt	$7500
1456 Cab-2 PTO-2 Remotes	$7900
1066-Cab-2 Remotes-2 PTO	$7900
84 Hydro Diesel-WF	$8900
966-Cab-2 PTO-18.4x38 Dynatorques	$9400
1066-Red-Cab-18.4x38 Dynatorque	$11,750
1586 Cab-Air-Duals	$15,900

OLIVER

88 Diesel	$1400
770-Diesel-WF	$1900
MM Super 4 Star	$2450
1600-Diesel	$3400
2150 Cab 4WD-Dual Remotes	$7500
1755-Cab-4 WD	$9500
White 2-150 Cab Duals-Nice	$11,900
1855-Fender	Coming In

TRUCKS

IH Tandem Axle Grain Dump	$3900

ALLIS CHALMERS

WD-PTO-Remote	$950
WD45-WF-PTO-Remote	$1450
(2) 190 XT Series-3 Diesel 3 Pt. PTO 2 Remotes	$3950-$4450
190XT-Diesel-3 Pt.	$4900
220-Cab	$6900
185-3 Pt.-PTO-2 Remotes	$7900
210-Cab-1900 Hrs.-Air	$8900
7010 Cab-1981-Dual Remotes	$11,900

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8N-3 Pt. PTO	$3250
541-Diesel-Offset	$3900
2000 Gas-WF-3 Pt.	$4500
4040-Loader	$4900
4000 w/Canopy 3 Pt. PTO	$4900
3000-Loader 1700 Hrs. New Rear Tires 8 Spd., PS, Nice	$7400
5600 Dual Power	$7900
9600 w/Ldr. Dual Power-Sharp	$10,500
1910-4WD-Loader	$10,900

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135 Diesel-Power Steering	$4900
65-Gas-WF-3 Pt.-Fresh Paint-Nice	$5400
(2) 165-Gas	$4900-$5500
1080-Diesel-PTO-2 Remotes	$5700
1150-Cab-Duals	$5900

CASE

930 CK-WF-3 Pt.	$3900
1030-WF-3 Pt.	$4250

OTHER NAME BRANDS

Kubota L210 w/Mower	$3200
Kubota L185-PTO-3 Pt.	$3900
(2) Imt. 539 Diesel WF-3 Pt.	$5900
Imt. 542 Deluxe	$7900

SKID STEER LOADERS

Case 1835B Gas	$8900
Koehring 1350 Diesel, New Paint.	$8900
Case 1845-1978 Gas-New Rubber	$7900

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Kewanee 2000 Offset Disc	$8750
Bush Hog 10' Offset Disc	$3800
JD 1630 16' Disc	$3500
Krause 11' Disc	$2450
(3) JD Wheel Discs 8'-9'	$895-$1495
IH 13' Wheel Disc	$595
(2) JD KBA Drag Disc	$295-$495
(2) IH 1 Point FH Disc	$295-$395
8' Drag Disc	$195
Oliver 6x18" Reset Plow	$2450
JD 1450 6x18" Semi Plow	$2450
JD 1450 4x16" Semi Plow	$1950
IH 710 3x16" Semi-Auto Reset.	$1850
IH 710 5x16" Semi Plow	$1650
JD 4x16" Semi Plow	$1250
Kewanee 7' 3 Pt. Chisel Plow	$1095
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IH 550 5x14" Semi Plow	$895
IH 3x16" Semi Plow	$795
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Ford 1X 2 Way Plow	$195
JD 3x14" 3 Pt. Plow	$595
IH 2X FH Trip Plow	$395
JD 3X Pull Plow	$195
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JD 12'-15' Field Cult.	$895
JD RG 4X 3 Pt Cult.	$795
JD RG 6X 3 Pt Cult.	$995
JD 4X Front Mount Cult.	$750
(5) 3 Pt. Field Cult.	$495-$895
(2) 2 Row 3 Pt. Cult.	$295-$595
IH Super A Cult.	$595
Glencoe 10' Pull Field Cult	$1275
Kewanee 24' 3 Pt. Rotary Hoe w/Wings	$795
Kewanee 4X 3 Pt. Rotary Hoe w/Wings	$395
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(2) JD 12' Cultipacker	$995-$1095
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JD 510 Round Baler	$5900
NH 276 Baler w/Thrower	$2900
NH 467 Haybine	$2450
Gehl 770- 7' Mower Conditioner	$975
JD 894A Hay Rake	$795
(6) Bale Wagons	$450-$900
NI 403 Hay Rake	$495
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(2) NH 451 Sickle Mowers	
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(2) Bin Wagon On Gear	$895-$1000
Gehl FB 87 Blower	$595
JD 716 Tandem Forage Wagon	$3800
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(3) Manure Spreader.	$795-$895
NI 12' Lime Drill w/Grass Seed	$595
NI 10' Lime Drill	$495
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JD 290 2X Pull Planter	$295
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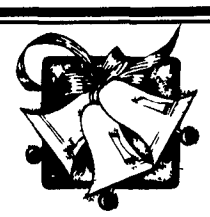
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IH 815 Combine #1409, 1975, 23.1-26 ..... $6,595
IH 915 Combine #1463, 1975, 28.L-26 ..... $5,495
JD 7720 4WD Combine #1622, 1983, Chopper, 30.5Lx32, 843 Cornhead, 20' Platform.. $57,795
JD 7720 4WD Combine #1623, 1979, Chopper, 30.5-32 ..... $34,995
JD 8820 4WD Combine #1477, 1984, Chopper, 30.5-32, 18.4x38 duals, 220 Platform, 843 Cornhead $58,995
MF 750 Combine #1184, 1979, 28L-26, Straw Chopper, 1164 Cornhead $10,995
White 9700 4WD Combine #1506, 1982, 4WD, 30S-32 Straw Chopper, Cornhead 400-6RN Platform 1858 ..... $24,995
NI 1 Row Corn Picker #1072 ..... $1,495
AC 438 Cornhead #6513 ..... $750
IH 1083 Cornhead #1136 ..... $10,995
IH 863 Cornhead #1465 ..... $3,495
IH 863 Cornhead #7671 ..... $2,995
IH 963 Cornhead #1570
JD 643 Cornhead #1479
JD 843 Cornhead #1624
MF 1163 Cornhead #1527 ..... $2,995
MF 1164 Cornhead #1185
MF 63 Cornhead #1183 ..... $1,395
NH 962N6 Cornhead #6495 ..... $1,195
CI 1020-20 Platform, #1366, New Warranty 'Til June, 1.5" Knife
CI 1020-25 Platform, #1382 ..... $8,495
IH 810 16.5 Platform, #618 ..... $495
IH 810 17.5 Platform, #6488 ..... $495
IH 820-15 Platform, #1523 ..... $3,995
IH 820-16.5 Platform, #1467 ..... $2,995
IH 820-16.5 Platform, #9161 ..... $3,995
IH 820-17.5 Platform, #1466 ..... $3,995
IH 820-20 Platform, #9401 ..... $3,995
IH 820-22.5 Platform, #7811 ..... $2,995

Tillage

JD 970 Cultimulcher #1223, 15', Solid Wheels Fnt. & Rear $2,995
JD 6R Cultivator #1363, 6 Row, 30', S Tines, Rolling Guide Tins And Rolling Gauge Wheels Included $1,795
SF 47 Chisel Plow #1221, 27 Shanks $4,495
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BR 14' N Packer, #1076, 14' Transport, Like New $2,495
BR 16' CF Packer, #10058; Non-Trans. $795
BR 16' CF Packer, #9686, Non-Trans. $795
BR 23'S Packer, #9962 ..... $3,495
BR 24'S Packer, #1245 ..... $1,195
BR 32' CF Packer, #1335 ..... $4,195
DL 26' CF Packer, #1439 ..... $3,695
Case 7x18 Plow, #10025, Spring Trip, No Coulters, In Furrow $795
CI 6x18 Plow, #1474
IH 710 Plow, #9901, 4x16 ..... $595
KR 2905 Subsoiler, #10141, Shear Bolt 5x30, Good Cond. $1,695
UM 24' Double Rolling Basket #1359, Hyd. Fold, Leveling Bar, Rear Hitch, Excellent Condition $4,995
JD 145 Plow, #10355, 4x18 Rollover, Spring Trip, 16' Coulters $2,295

Discs

BH 24' Disc #9899 ..... $2,995
IH 37 Disc #10455, 10' Rigid $695
IH 370 Disc #10450, 11'6" Cut $1,295
IH 370 Disc #1473, 11'6" Cut $1,295
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JD 220 Disc #1179, 20' Single Fold $3,695
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Oliver 242 Disc #10275, 12'6" $695
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Miscellaneous

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GP 14' Drill #10393 ..... $9,595
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Ford F600 Dump Truck #7844 ..... $1,995
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NH 352 Grinder, #9230 ..... $995
NH 1495H Head, #8819 ..... $395
JD 660 Manure Spreader, #9783 ..... $1,195
JD 660 Manure Spreader, #9784 ..... $895
JD 680 Manure Spreader, #1361, 16.5Lx16.1, Upper Beater, End Gate, Tandem Axle ... $3,795
JD 780 Manure Spreader, #1362, 16.5Lx16.1, Hyd. Push Off, Upper Beater, End Gate, Tandem Axle $5,995
HS 1010 Mower Conditioner #10022, Center Pivot 9' $3,995
NI 27 Blower #10103 ..... $595
NH 1010 Bale Wagon #9790 ..... $2,495
IH 47 Baler, #862 w/Thrower $795
IH T55 Baler, #1154 ..... $250
NH 282 Baler, #10459, 16x18, w/Belt Thrower, Good Cond. $1,495
NH 990 Mower Conditioner, #1106 ..... $395
NH 479 Mower Conditioner, #1148 ..... $2,995
JD 37 Mower Sickle, #1348 ..... $350
IH 56 Planter, #9627 ..... $195
IH 800 6x30 Planter, #7218, Dry Fert. Markers, Fluted No-Till Coulters, 1000 Hyd. Pump $1,495
JD 7000 Planter, #1383, 6R, No-Till, Liquid Fert. $5,595
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JD 27 15' Shredder #1327 ..... $2,295
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JD FDR 338 Thrower, #9871, Pan Thrower, 1 Yr. Old, Excel. Cond. $1,795
GY 13.50x16 Tires, #9624, New $195

Tractors

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IH 966 Tractor, #10149, 1969, 18.4x38, Duals, 540 PTO $9,595
IH 1466 Tractor, #9907, 1974, 18.4-38 ..... $11,995
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IH 806 Tractor, #1244, 1964 Diesel, 18.4x34, 540/1000 PTO $6,995
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JD 8650 Tractor #1482, 1983, 3122 Hrs., Quad, 20.8x38, 1000 PTO, 3 Pt.
JD 8650 Tractor #1483, 1983, 3310 Hrs., Quad, 20.8x38, 1000 PTO, 3 Pt.
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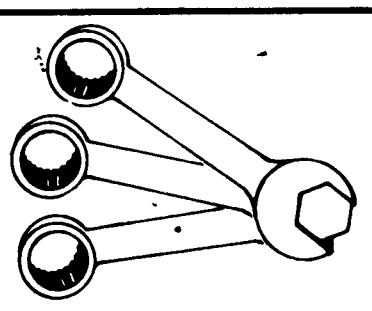

WINTER TRACTOR SERVICE SPECIAL

WHEN: December 1, 1989 to December 31, 1989.

WHAT: Any tractor work totaling over $500, which is scheduled during December to be completed at our convenience this Winter, will be billed *LESS 10% FOR PARTS & LABOR*

WHY: If our CERTIFIED MECHANICS go over your tractors this winter, chances are you will be able to complete your Spring work without any major downtime...

DON'T DELAY... CALL TODAY TO SCHEDULE YOUR WINTER SERVICE AND SAVE 10% ON ALL PARTS & LABOR USED TO DO THE JOB...

WE SHIP PARTS DAILY
Via UPS - PPSH - BUS - AIR FREIGHT, ETC.

HOURS
Mon.-Fri. 7AM-5PM; Sat.: 7 AM-Noon

CALL US...
It Could Be We Have It

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Authorized UPS Station

YOU STAY PUT

Pick Up Your Phone And Place Your Parts Order With Us

DECEMBER EQUIPMENT

Year End Inventory Clearance — ALL SALE

Most SALE ITEMS are

NEW! TRACTORS, LOADERS AND ATTACHMENTS NEW!

- **KELLY BACKHOE** - Model No. BS30JS, Stock No. R3215
  Series 30 Fits 1835 Uniloader
  List - $5,262 **SELLING PRICE $3,873**

- **CASE IH LOADER** Model No. 2250, Stock No. B3896
  Standard, Fits 85 Series, 72" Bucket

- **CASE IH LOADER** Model No. 2250, Stock No. B3900
  Standard, Fits 85 Series, 72" Bucket

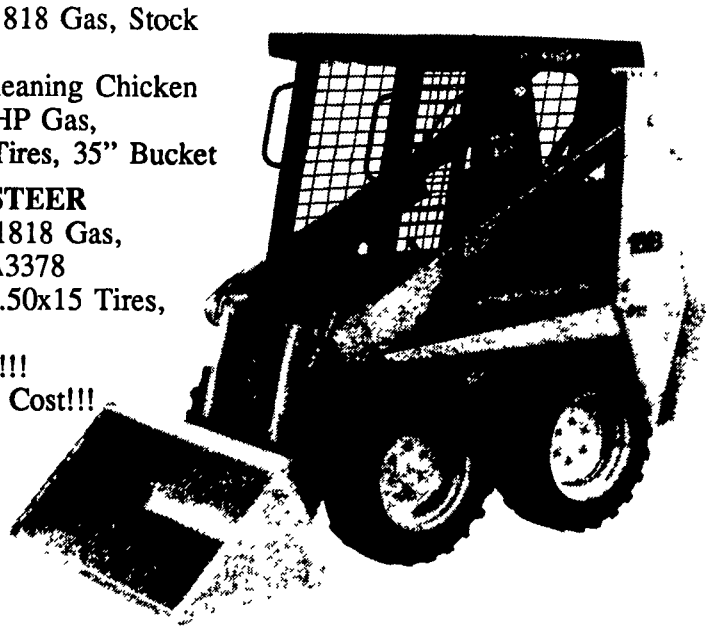
- **CASE IH LOADER** Model No. 2250, Stock No. B3902
  Standard, Fits 85 Series, 72" Bucket

- **CASE IH LOADER** Model No. 2255, Stock No. B3771
  Standard, Fits 85 Series, 84" Bucket

- **KOYKER LOADER** Model No. K6, Stock No. R2023
  Fits Large Tractor
  List $5,411 **SELLING PRICE $4,280**

- **CASE SKIDSTEER**
  Model No. 1818 Gas, Stock No. A3921
  Great For Cleaning Chicken Houses, 18 HP Gas,
  27-8.50x15 Tires, 35" Bucket

- **CASE SKIDSTEER**
  Model No. 1818 Gas,
  Stock No. A3378
  18 HP, 27-8.50x15 Tires,
  44" Bucket,
  Overstocked!!!
  Buy At Our Cost!!!



- **CASE SKIDSTEER** Model No. 1835C Gas, Stock No. A3346
  44 HP, 10.00x16.5 Tires, 60" Bucket, Priced To Sell
  Check This One

- **CASE SKIDSTEER** Model No. 1845C D, Stock No. A3808
  Rental Unit, Full Factory Warranty, 51 HP, 12.0x16.5 Tires,
  73" Bucket

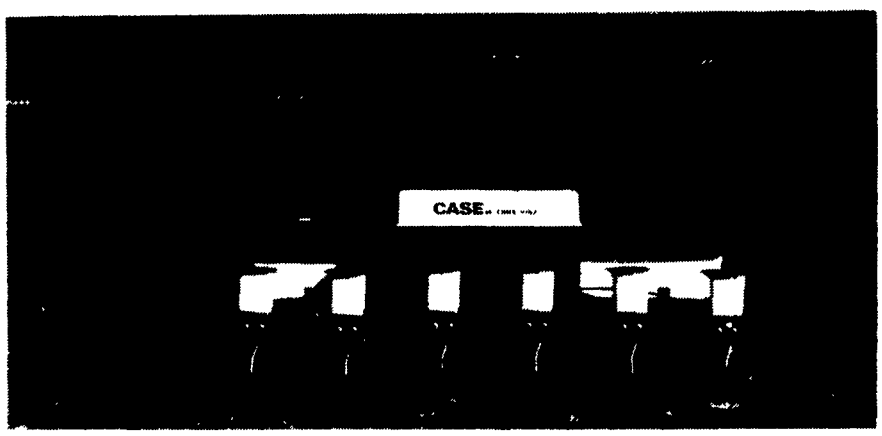
- **CASE IH TRACTOR** Model No. 585 MFD, Stock No. A3932
  52 PTO HP, ROPS, 8/4 Gear Trans., Row Crop, 2 Valves,
  FWD/REV Shuttle, Excellent Loader Tractor, Demo

- **CASE IH TRACTOR** Model No. 7120, Stock No. A3758
  Magnum, Ready To Work On Your Farm, 150 HP, 2WD, Cab/AC, 3 Hydraulic, Dual PTO, 18.4x38 Singles, Priced To Sell!!!

- **CASE IH TRACTOR** Model No. 7110 MFD, Stock No. A3593
  Magnum Demo, Full 5 Year Warranty, 135 HP, MFD, Cab/AC,
  2 Hydraulic, Dual PTO. You Can Own This Magnum For Less!

NEW! PLANTERS AND S

- **CASE IH PLANTER** Model No. 900-6RN, Stock No. E3956
  Cyclo Air Delivery System Works!!! 6-30" Rows, Monitor,
  Insecticide Attachment, Markers, No Fertilizer



- **CASE IH PLANTER** Model No. 900-4RN, Stock No. E3957
  Cyclo Air Makes Seed Sprout Fast!!!, 4-30" Rows, Monitor,
  Insecticide Attachment, Markers, Dry Fertilizer

- **CASE IH PLANTER** Model No. 900-6RN, Stock No. E2262
  Cyclo Air Makes A Great Seedbed!!!, 6-30" Rows, Monitor,
  Insecticide Attachment, Markers, Dry Fertilizer
  List $18,321 **SELLING PRICE $12,389**

NEW! SPRAYERS AND SPRAY

- **FMC AIRHEAD** Stock No. Q3109
  Rotating Air Head For 3 Pt. Air
  List $3,486 **SELLING PRICE $2,861**

- **FMC BOOM** Model No. M110, Stock No. Q3011
  Boom Fits 3 Pt. Sprayer, D020
  List $423 **SELLING PRICE $321**

- **FMC SPRAYER** Model No. DP60P600, Stock No. Q4008
  60GPM 600G Tank, Trailing, 84' Boom
  List $19,913 **SELLING PRICE $17,431**

- **FMC SPRAYER** Model No. DM20E300F, Stock No. Q3856
  20 GPM, 300G Tank, Kohler, Elec. Start
  List $4,868 **SELLING PRICE $4,380**

NEW! HAY, FORAGE AN

- **CASE IH BALER** Model No. 8440,
  Stock No. F3876
  Round, Up To 1,100 Lb.,
  60" Bales

- **CASE IH BALER** Model No. 8530,
  Stock No. F3705
  14"x18" Square, w/8511 Thrower

- **RHINO MOWER** Model No. SR120, Stock No. S4112
  10' Cut, 2 Spindle, Heavy Duty
  List $4,802 **SELLING PRICE $3,523**

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S D SPREADERS

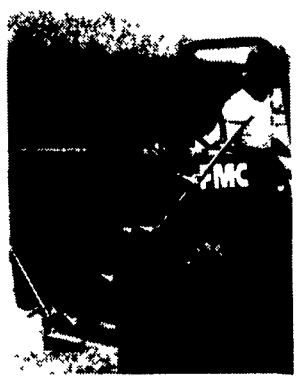
NEW!

- **CASE IH PLANTER** Model No. 900-4RW, Stock No. E2296
  Cyclo Air Is A Money Maker!!!, 4-Row, Monitor, 540 PTO, Insecticide Attachment, No Fertilizer, Markers
  List $9,532 **SELLING PRICE $7,760**
- **CASE IH SPREADER** Model No. 550, Stock No. H2986
  215 Bu., Upper Beater, Truck Tires, Now Is The Time For A Case IH Spreader
  List $5,624 **SELLING PRICE $4,160**
- **CASE IH SPREADER** Model No. 550, Stock No. H2221
  215 Bu., Top Beater, Hydraulic Endgate
  List $6,319 **SELLING PRICE $4,856**

- **CASE IH SPREADER** Model No. 560, Stock No. H2710
  230 Bu., Top Beater, Hydraulic Endgate, Truck Tires, Here's A Good Spreader
  List $7,752 · **SELLING PRICE $5,969**

S RAYER ATTACHMENTS

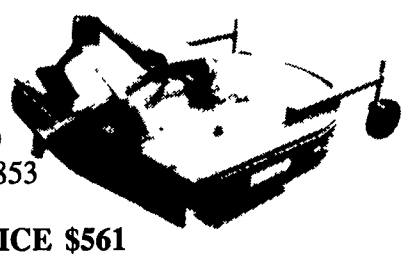
NEW!



- **FMC SPRAYER** Model No. DP10-3 Pt., Stock No. Q3872, 3 Pt. 10GPM, 506 Tank
  List $1,182 **SELLING PRICE $1,063**
- **FMC SPRAYER** Model No. DP10-3 Pt., Stock No. Q3873, 3 Pt., 10GPM, 50G Tank
  List $1,182 **SELLING PRICE $1,063**
- **FMC SPRAYER** Model No. DM10E200F, Stock No. Q3797
  Skid, 10 GPM, 200G Tank, Kohler Engine
  List $3,194 **SELLING PRICE $2,723**
- **FMC SPRAYER** Model No. DP100-3 Pt., Stock No. Q2947
  3 Pt. Air, 100G Tank
  List $3,805 **SELLING PRICE $3,298**

A(AND MOWING

NEW!



- **RHINO MOWER** Model No. GR84, Stock No. S2168
  3 Pt., 7' Cut, Heavy Brush Cutter
  List $4,906 **SELLING PRICE $3,670**
- **MASTER K5' MOWER** Stock No. S1853
  3 Pt., With Slip Clutch
  List $725 **SELLING PRICE $561**
- **CASE IH MOWER-CONDITIONER** Model No. 8330, 9', Stock No. F3816
  Mower Conditioner, 9'
- **CASE IH MOWER-CONDITIONER** Model No. 8330 9', Stock No. F3817
  Mower Conditioner, 9'

NEW! DISCS AND TILLAGE MACHINES NEW!

- **CASE IH CHISEL** Model No. 5711, Stock No. C3005
  3 Point Hitch Mounted Chisel, 11-32" Spring Shanks, 3 Rows
  List $3,821 **SELLING PRICE $2,634**
- **CASE IH CHISEL** Model No. 5707, Stock No. C3006
  3 Point Hitch Mounted Chisel, 7-32" Spring Shanks, 3 Rows
  List $2,693 **SELLING PRICE $1,856**

- **KRAUSE CHISEL** Model No. 2887,
  7 Shank Trail, w/Hydraulic Slicers, Tool For Use In Fall Or Spring
  2 To Choose From, Excellent Tillage
  Stock No. P1204
  List $8,994 **SELLING PRICE $5,926**
  Stock No. P2103
  SELLING PRICE $6,174
- **KRAUSE CHISEL** Model No. 2885, Stock No. P1971
  5 Shank Trail, w/Hydraulic Slicers
  List $7,064 **SELLING PRICE $4,880**
- **CASE IH CHISEL** Model No. 5513, Stock No. C9829
  3 Point Hitch Mounted Chisel, 3 Pt., 13, 32" Spring Shanks 3 Rows
  List $4,317 **SELLING PRICE $2,269**
- **KRAUSE CULTIVATOR** Model No. 4656R3, Stock No. P3418
  6 Row, 30", Deep-Till Row Crop
  List $7,082 **SELLING PRICE $4,968**
- **KRAUSE DISC** Model No. 4921A, Stock No. P4088
  Rockflex, 18' Cut, 22"x¼" Blades This Is The Disc That's Proven Itself In The Fields Of PA, NJ, DE, & MD To Be The Best Disc For Your Money.
  Ready To Go To Work!!!
- **KRAUSE DISC** Model No. 4924A,
  Stock No. P4091
  Rockflex, 21' Cut, 22"x¼" Blades
  Stock P4004
  Fits Behind Your 150 HP Tractor
- **KRAUSE DISC** Model No. 1450,
  Stock No. P3689
  Offset, Rockflex, 10'8", 24"x5/16"
  List $9,896 **SELLING PRICE $7,971**
- **CASE IH DISC** Model No. 122,
  Stock No. C3093
  3 Pt., 6'3" Cut, 20" Blades, We Need To Sell This Disc, Now!!
  List $2,125 **SELLING PRICE $1,496**

- **KRAUSE LANDSMAN** Model No. 3124A, 24', Stock No. P4002
  Combination Tillage Tool: Disc Gang, K-Tine Cultivator Teeth & A Tine & Reel Finisher, One Pass & Plant!!!
- **KRAUSE LANDSMAN** Model No. 3121A, 21', Stock No. P3968
  Combination Tillage Tool: Disc, Gang, K-Tine Cultivator Teeth & A Tine & Reel Finisher, One Pass & Plant!!!
- **KRAUSE LANDSMAN** Model No. 3118A, 18', Stock No. P3969

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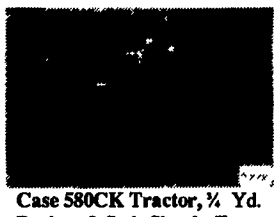
DECEMBER EQUIPMENT WHITE TAG SALE!!! Year End Inventory Clearance

ALL USED EQUIPMENT is PRICED ON WHITE TAGS

USED TRACTORS & UNILOADERS

AC C Tractor, 26 HP Gas, Gear, Tricycle, 540P10, ~~Was $950~~ $750 (W3275)

Case 2670 Tractor, 220 HP 4-Wheel Drive, Crab Steer $12,000 (W4470)

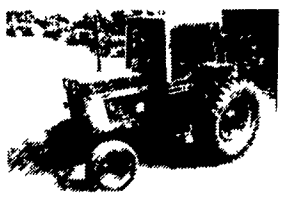


Case 580CK Tractor, ¾ Yd. Bucket, 8 Spd. Shuttle Trans $5,500 (W4488)

IH Farmall C, Gas, Belt Pulley, 11.2x36 Tires (W4547)

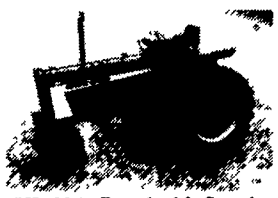
IH 574 Tractor (W4454)

IH F1086 Tractor (W3500)

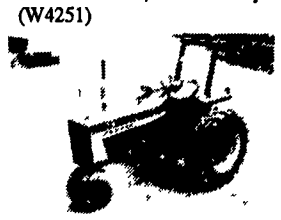


IH 1086, Turbo, Gear w/TA, 18.4x42 Tires, Cab (W4608)

IH Farmall 400 Gas, 13.6x38 Tires, Belt Pulley (W4251)



IH 806, Diesel, 16 Speed, Gear, TA, 18.4x38 Tires (W4163)



IH 706, Narrow Front, Gas, 18.4x34 Tires (W4312)

JD 4430 Tractor, 130 HP, Diesel, Quad Range, Cab/AC, 20.8x38, Dual PTO, 2 Valves Was ~~$16,900~~ $15,900 (W4321)

Ford CL 30 Skidsteer, 30HP Wis., Gas, Fair Cond Was ~~$5,350~~ $4,850 (W4585)

Bobcat 533 Skidsteer 19 HP Diesel, Hydro, 48" Bucket Was ~~$5,700~~ $4,975 (W4142)

Husky Tractor (W4546)

IH 5088, Turbo, 20.8x38 Tires, Cab (W4601)

IH F756 Tractor (W3832)

IH 884, Gear w/TA, Dual PTO, 14.9x38 Tires (W4485)

IH Cub 154 Low-Boy, 13.6x16 Tires, Has Model 15 Roto-Tiller (W4549)

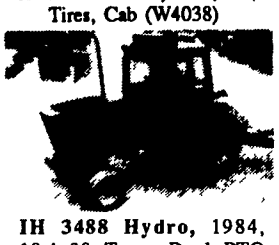
MF 1800 23.1x34, 4 WD, Cab, AC, 3 Pt. Hitch (W4107)

Oliver 1600, Diesel, 13.6x38 Tires, 540 PTO (W4469)

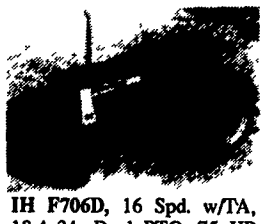
CI 485 Tractor (W4206)

WH 4-150 Tractor (W3295)

IH F1066 Diesel, Gear, TA, 540/1000 PTO, 10.00x16 & 20.8x38 Tires, Cab (W4038)



IH 3488 Hydro, 1984, 18.4x38 Tires, Dual PTO (W4319)



IH F706D, 16 Spd. w/TA, 18.4x34, Dual PTO, 75 HP (W2925)

Bobcat 533 Skidsteer, 19 HP Diesel, Hydro, 48" Bucket Was ~~$5,700~~ $4,975 (W4142)

Ford CL 30 Skidsteer, 30 HP, Wis., Gas, Fair Cond. Was ~~$5,350~~ $4,850 (W4585)

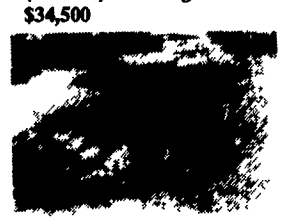
MF 50 Tractor w/Loader, 12.4x28 Tires, 45" Manure Fork, 72" Bucket (W4164)

FOR IH & CASE IH COMBINES - Many Sizes Of Platforms To Choose From: Both Rigid & Flex Coulterbars

USED COMBINES

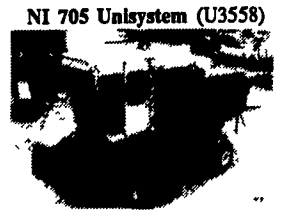
IH 1460 Combine, 30.5x32 & 18.4-16.1 Tires, Was ~~$39,000~~ $28,500 (U3076) Cab w/HTR & Air, Auto Header (Sell w/863 Ch, (U2743) & 810 Platform (U7923) Package Price $34,500

IH 1460 Combine, 28L-26 & 11x16 Tires Was ~~$38,000~~ $23,500 (U3539) Cab w/HTR & Air, Auto Header (Sell w/863 CH, (U3629) & 810 Platform (U3540) Package Price $29,500

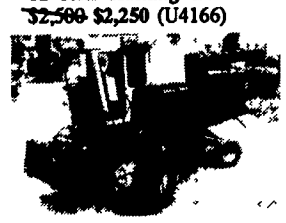


NI 705 Unisystem (U3558)

NI 323 Cornpicker, 1 Row, 12 Roll Husking Bed Was ~~$2,500~~ $2,250 (U4166)



IH 715 Combine, Diesel, Gear, Cab, 23-1x26 Was ~~$7,500~~ $5,500 (U3080)



IH 815 Combine, Diesel, Hydro, Cab/AC, 23.1x26 Was ~~$11,500~~ $9,900 (U4509)

CI 1480 Combine, 1985, 30.5x32 & 18.4x16.1 Cab w/ HTR & Air, Auto Header, Grain Loss Monitor, Radio, Excellent Late Model, Low Hour Machine, 1st Case IH Axial Flow $57,000 (U4045)

MF 850 Combine, D, Hydro, Cab/AC, 28L-26, Chop Paddle-Type Feeder, 63C Cornhead, 15' Flex Platform Was ~~$23,800~~ $20,800 (U4411)

IH 1460 Combine, 1984, 30.5x32 & 18.4x16.1 Cab w/HTR & Air, Auto Header, Grain Loss Monitor, Radio, Excellent Late Model, Low Hour Machine Was ~~$57,900~~ $55,000 (U4630)

IH 203 Combine, Gas, Gear, Cab, 10' Platform Was ~~$1,800~~ $1,200 (U1205)

IH 715 Combine, Diesel, Gear, Cab, 1547 Hrs. Was ~~$7,500~~ $5,500 (U2798)

MF 63C Cornhead, 6 Runs x 30" Was ~~$3,500~~ $2,975 (U4415)

NI 738 Cornhead, Fits 705 Uni-Sytem, 4x38" $900 (U4433)

MF 300 Combine, Gas, Gear, 18.4-26, 7.50-18 Was ~~$1,095~~ $980 (U4287)

CI 1010-15' Platform, Deluxe Pickup Reel (U4710)

AC 630 Cornhead, Fits Gleaner L, 6 Rows x 30" $3,900 (U3709)

AC 630 Cornhead, Fits Gleaner N5, 6 Rows x 30" $3,900 (U2969)

IH 227 Cornhead, Fits IH 205, 2 Rows x 38" Was ~~$800~~ $500 (U1897)

IH 715 Combine, Gas, Gear, Cab, Was ~~$4,500~~ $3,200 (U4078)

IH 844 Cornhead 4 Rows x 38" $3,800 (U2512)
IH 844 Cornhead 4 Rows x 38" $4,800 (U3240)
IH 844 Cornhead 4 Rows x 38" $4,800 (U3918)
IH 863 Cornhead 6 Rows x 30" $7,800 (U2743)
IH 863 Cornhead 6 Rows x 30" $7,800 (U3629)
IH 836 Cornhead 6 Rows x 30" $7,800 (U4584)
IH 863 Cornhead 6 Rows x 30" $6,500 (U4636)
IH 863 Cornhead 6 Rows x 30" $6,500 (U4673)
IH 883 Cornhead 8 Rows x 30" $6,900 (U4669)
IH 963 Cornhead 6 Rows x 30" $6,900 (U4319)
IH 983 Cornhead 8 Rows x 30" $7,900 (U3516)
CI 1010-15' Platform Deluxe Pickup Reel (U4710)
IH 710 Platform (U1386)
IH 810-13' Platform (U1850)
IH 810-15' Platform (U4449)
IH 810-13' Platform (U2744)
IH 820-17.5' Platform (U2049)
IH 820-17.5' Platform (U3859)
IH 820-17.5' Platform (U4596)
IH 820-17.5' Platform (U8993)
IH 820-15' Platform (U3982)
IH 820-15' Platform (U4400)
IH 820-15' Platform (U4665)
IH 820-17.5' Platform (U2665)
CI 820-15' Platform (U4697)
CI 1020-17.5' Platform (U4047)
CI 820-22.5' Platform (U4631)

USED TILLAGE

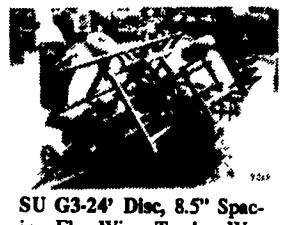
AC 3 Bot. Plow, 3 Pt., 3-16" Bottoms, Coulters $250 (T4407)
IH 531 Plow, 3 Pt., 3-16" Spring-Trip, Coultrs Was ~~$600~~ $475 (T3684)
IH 700 Plow, Semi-Mounted, 5x16", Furrow, Cylinder $775 (T4243)
IH 710-3x16" Plow, Semi-Mounted, 3x16", Auto Reset, Good Was ~~$1,500~~ $1,350 (T3692)
IH 700-6x18" Plow, Semi-Mounted, On Land, 6x16" Auto Reset Was ~~$2,250~~ $1,875 (T4257)
IH 710-6x16" Plow, Semi-Mounted, 6x16" Auto Reset Was ~~$2,500~~ $2,150 (T3699)
Lndl Chisel Plow (T3847)
AT 156 Chisel Plow, 3 Pt., 9x25" Spring Trip Shanks Was ~~$975~~ $795 (T4108)
SU 195H Chisel Plow (T4018)
10' Cultimulcher Was ~~$1,500~~ $975 (T2929)
PI Cultivator, 3 Pt. Hitch, 1 Row Was ~~$175~~ $125 (T3851)
KR 1925, 21' Disc, 8" Spacing, Flexwing, Buster Bar Was ~~$8,500~~ $7,800 (T4427)
KR 2416, 25' Disc, Heavy Duty, 9" Fr, 10" RR Spacing $9,500 (T4588)
KR 2416 Disc, Heavy Duty 9" Fr, 10" RR Spacing Was ~~$14,300~~ $14,000 (T4698)
MI 14' Offset Disc, Heavy Duty, 9" Fr, 10" RR Spacing $2,500 (T4486)
OL 12' Disc, Transport Was ~~$1,875~~ $985 (T4226)
MI 10' Offset Disc, Heavy Duty, Sharp Was ~~$2,800~~ $2,500 (T4700)
FU 25' Harrow, Chain Harrow Was ~~$1,950~~ $1,675 (T4442)
Mita DC-161 Copier, 25 Copies Per Minute $350 (R3197)
15' Peg Tooth, 12' Peg Tooth Harrow, With Transport Was ~~$600~~ $575 (T4367)
KR K-Tine Leveler, Fits Chisel Plow, 11 Shank Trail Was ~~$300~~ $250 (T3407)

13'8" Cultimulcher, 18" Packer Wheels Was ~~$3,500~~ $3,200 (T4037)

JD 1600 Chisel Plow, 3 Pt., 10x25" Spring Trip Shanks Was ~~$1,500~~ $1,200 (T4575)

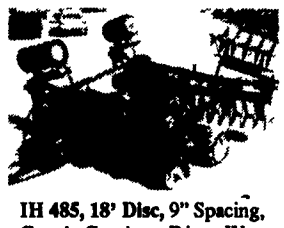
IH 370, 10' Disc, 7.5" Spacing, Transport Was ~~$1,500~~ $1,350 (T4208)

IH 480, 13.5' Disc, 7.5" Spacing, Buster Bar, Sharp Was ~~$2,200~~ $1,950 (T4340)



SU G3-24' Disc, 8.5" Spacing, Flex-Wing, Tandem Was ~~$3,200~~ $2,850 (T4268)

IH 475, 20' Disc, 7.5" Spacing, Needs Work Was ~~$1,200~~ $1,075 (T4049)



IH 485, 18' Disc, 9" Spacing, Good Cutting Disc Was ~~$2,800~~ $2,750 (T4624)

KR 2410, 20' Disc, Heavy Duty, 9" Fr, 10" RR Spacing, $8,500 (T4258)

BR WP108 Packer, 23' Wing-Fold, 18" Wheels, Transport Was ~~$4,500~~ $4,200 (T4425)

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908B Backhoe for Bobcat 6/700 Series $2,800
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USED PLANTERS

AC 600-6R Planter, 6x30", No Till, Dry Fert., Parts Planter, Was ~~$1,000~~ $875 (V9376)
IH 386 Planter, Planter Toolbar, 6x38", Good Toolbar, Was ~~$1,900~~ $350 (V9299)
IH 400 Planter, 6x30", No Till, Markers-Parts Planter, Was ~~$700~~ $500 (V4341)

IH 800-6R Planter, 800 Cyclo, 6x30", Double Disc Openers, Liquid Fertilizer, Monitor, This Planter Plant To Bring Up Seed Quickly Was ~~$7,900~~ $6,500 (V4342)

WH 5400 Air Planter, 6x30", No Till, Insecticide, Good Shape Was ~~$2,300~~ $1,750 (V3676)

JD 7000 Planter, 7000-8x30" Conservation, No Till Coulters, Folds To Narrow Transport, John Blue Liquid Fert. Pump, Was ~~$8,975~~ $7,950 (V4397)

USED MISCELLANEOUS

IH 47 Baler, 540 PTO, #10 Thrower, Runs, Was ~~$1,300~~ $1,150 (U4491)

Fox Blower, 56" Fan, 540 PTO, Was ~~$690~~ $450 (U3955)

YR-A-R 211 Cab, Fits IH 06, 56, 66 Series, Was ~~$800~~ $500 (W9200)

RE 14C Scraper, 14 Cu. Yd. Scraper Pan, Pull-Type $18,500 (V3433)

IH 50 Shredder, 540 RPM PTO 12.5' Cut, Was ~~$1,850~~ $1,750 (U3812)

Century 500G Sprayer, 35' Boom, PTO Pump, Plastic Tips, Was ~~$2,850~~ $2,500 (V3361)

JD 300G Sprayer, 30' Boom, Blue Grnd Drive Pump, PTO Agitator Pump, Was ~~$3,000~~ $2,500 (V4123)

Chevy 700G Spray Truck, 700G Sprayer, 40' Boom, Hyd. Pump w/Elec. Controls, Foam Marker, Was ~~$5,800~~ $4,800 (V3551)

Century 130G Tanks, Saddle Tanks, 130G, Pump & Controls, Was ~~$850~~ $595 (V2717)

Case 17x7 Drill, Single Disc, Cheap Drill $275 (V4529)

JD FBB-18x7 Drill, Double Disc, Grass Seed, Press Whls, Was ~~$1,400~~ $1,275 (V4382)

IH 510 18x7 Drill, Double Disc, Fertilizer, Good Condition, Was ~~$2,200~~ $1,950 (V4639)

IH 5100 21x7 Drill, Double Disc, Grass Seed, Excellent ~~$3,300~~ (V4567)

Snap-018.4x34 Duals, Firestone, 6 Ply, Snap On ~~$975~~ (W4196)

Farmec 30' Elev., Good Condition, Was ~~$875~~ $750 (V4380)

NH 352 Grinder Mixer, 540 P10, Fair $2,100 (V4036)

GP 12' Hitch, Pull Hitch For Mounted Drill, Was ~~$1,200~~ $975 (V4330)

MF 205 Spreader, Top Beater, 540 PTO, Runs OK, Was ~~$1,000~~ $950 (V4548)

IH 3204 Disc Mower, 3 Pt., 5' Disc Mower, 4 Disc, Was ~~$2,375~~ $2,150 (U4544)

WO 315, 15' Mower, Flexwing, 540 PTO, Good Condition, Was ~~$3,900~~ $2,950 (U4574)

WO RM600, 6' Mower, 3 Pt. Finishing Mower, 3 Spindle, Was ~~$1,500~~ $1,295 (U3736)

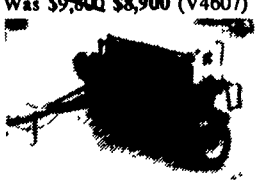
WO C80, 7'8" Mower, 540 PTO, 3 Point, 2 Spindle $1,100 (U3554)

Tub Grinder FH 900-B (V4623)

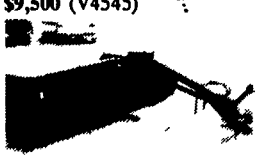
JD 660 Rake, Ground Drive, 9' Hay Rake, Was ~~$1,850~~ $1,675 (U4366)

JD 27 Shredder, 1000 RPM PTO, Good Balanced Machine Was ~~$2,900~~ $2,250 (U4373)

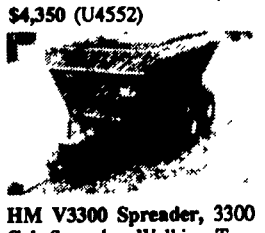
GP 12' NT Drill, 7.5" Spacing, No-Til Hitch, Mid Drill Was ~~$9,800~~ $8,900 (V4607)



KR 5210 10' Drill, No Til, 7" Spacing, Excellent Cond. $9,500 (V4545)



IH 1190, 9' Mower Conditioner, 540 PTO, 9' Mower Conditioner Was ~~$4,650~~ $4,350 (U4552)



HM V3300 Spreader, 3300 Gal. Spreader, Walking Tandems, A Great Way To Handle Liquid Manure Was ~~$7,500~~ $6,200 (V3220)

Fox 656 Blower, 56" Fan, 540 PTO, Fair Was ~~$1,575~~ $975 (U4281)

NH 1495 12' Mower Conditioner, Self Propelled, Diesel, Cab Was ~~$16,900~~ $14,900 (U4569)

JD 7' Cut Mower Conditioner, 540 PTO, 7' Mower Conditioner Was ~~$5,850~~ $3,300 (U4365)

RH FL15, 15' Mower, Heavy Duty Flexwing Mower, 1000 PTO Was ~~$6,900~~ $5,800 (U4604)

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JD 680 Manure Spreader
JD 450 Manure Spreader
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NH 890 Chopper
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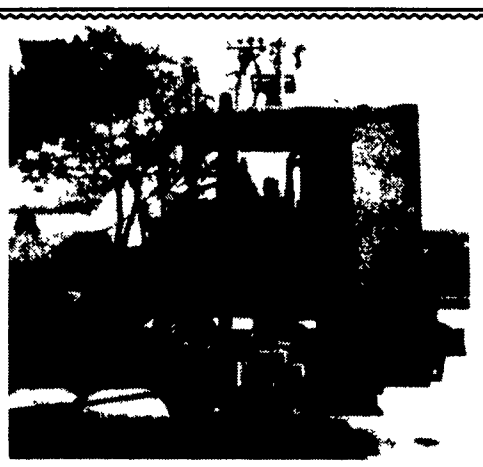

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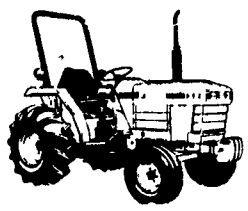

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NH 320 Baler w/Thrower
Ford 5500 TLB w/4 In 1 Bucket
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NH 488 Haybine
(2) NH 489 Haybine
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NH 352 Grinder Mixer
Ford 7710 4WD, Excel.
NH 461 Haybine
NH 717 Harvester w/2R Cornhead
NH #36 Crop Chopper
NH #26 Blower
NH 707 Harvester w/2 Heads
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NH 278 Baler w/Thrower
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Woods HS 105 Side Mower
TW30 w/Duals, Excel. Cond.
TW15 900 Hrs., Excel. Cond.
NI 305 Corn Picker
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MF 200 Harvester w/2R Head
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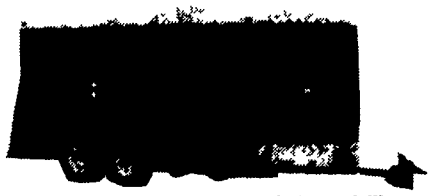

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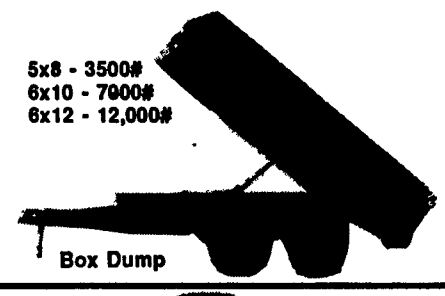
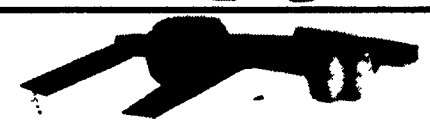
6x10 - 7000#
6x12 - 12,000#



Box Dump

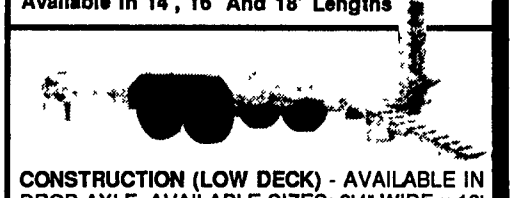
4'x8' Utility Trailers 1500 lb. G.V.W. 8" Tires



Car Haulers, Open Center, 7,000 lb. G.V.W. Available In 14', 16' And 18' Lengths

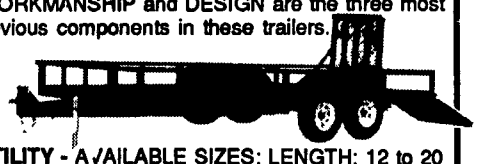
UTILITY (Tilt Model) - These trailers' standard features include, 15" White Spoked Wheels, New tires, 2" coupler, and safety chains. AVAILABLE SIZES: LENGTH: 8 to 12 feet, WIDTH: 60 to 76 inches, GVW: 3,500 lbs.

International Farm Equipment
- 1 & 2 Bottom Plows
- Discs 4' - 8'
- Blades 5'-8'
- Box Blades 4'-8'
- Stone Rakes 4½ '-8'
- Post Hole Diggers
- 1 Row Cultivators
- Dirt Scoops
- Boom Poles
- Rear Carriers
- Chipper-Mulcher
- Fertilizer Spreaders
- Concrete Mixers
- Field Cultivators
- Potato Plows
- Hay Rakes & Tedders
- Rotary Mowers 3'-7'
- 4'-6' Finish Mowers
- Bale Carriers
- Sickle Mowers
- Rototillers
- Log Splitters
- Truck Beds - 7' to 12'



CONSTRUCTION (LOW DECK) - AVAILABLE IN DROP-AXLE, AVAILABLE SIZES: 6'4" WIDE x 16' LONG & 81" WIDE x 18' LONG, GVW: 8,000-12,000 lbs., TIRES: 750-16

Largest manufacturer of a complete line of trailers, utility, construction, and goosenecks. QUALITY, WORKMANSHIP and DESIGN are the three most obvious components in these trailers.



UTILITY - AVAILABLE SIZES: LENGTH: 12 to 20 feet
WIDTH: 76 to 81 inches, GVW: 7,000-12,000 lbs., TIRES: 700-15 LT

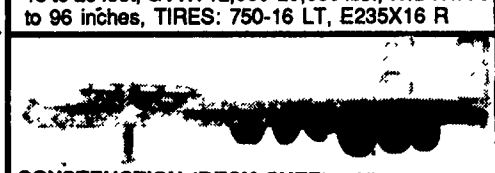
GOOSENECK TRAILERS - All models have adjustable top crank couplers welded to heavy duty 8" channel frames. Top decks are standard on Deck-Over models. AVAILABLE SIZES: LENGTH: 18 to 28 feet, GVW: 12,000-20,000 lbs., WIDTH: 76 to 96 inches, TIRES: 750-16 LT, E235X16 R

FLAT BED 2-5/16" coupler, and self storing 80" long ramps. AVAILABLE SIZES: LENGTH 14 to 18 feet, WIDTH: 76 to 81 inches, GVW: 8,000 lbs., TIRES: 700-15 LT

Over 200 Trailers In Stock Starting At $495.00

50 Different Models Available

DEALERS WANTED
Financing Available



CONSTRUCTION (DECK-OVER) - All sizes have 4-foot dovetail and heavy duty 56" long attached ramps, four position pintle hook, stake pockets, rubrail and drop-leg jack. AVAILABLE SIZES: LENGTH: 18 to 24 feet, WIDTH: 8 feet, GVW: 12,000-20,000 lbs., Eight (8) lug brake axles with 750-16 tires.

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Pine Grove, PA (717) 345-4882

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Big discounts on all new equipment in stock.

Sale runs from January 2 to January 13, 1990

From 7:30 to 5:00 every day except Saturday 7:30 to 12 Noon
Closed Sunday

Roy H. Buch, Inc.

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SAFEMARK/ KELLY REAR TRACTOR TIRES

Size	Ply	SALE
9.5-24	4	$116.00
11.2-24	4	$129.00
12.4-24	4	$155.00
14.9-24	4	$194.00
14.9-24	6	$200.00
16.9-24	6	$239.00
11.2-28	4	$142.00
12.4-28	4	$159.00
13.6-28	4	$180.00
13.6-28	6	$200.00
14.9-28	6	$229.00
16.9-28	6	$260.00
16.9-30	6	$270.00
18.4-30	6	$310.00
16.9-34	6	$290.00
18.4-34	6	$335.00
18.4-34	8	$375.00
12.4-38	6	$225.00
13.6-38	6	$235.00
15.5-38	6	$265.00
16.9-38	6	$326.00
18.4-38	6	$370.00
18.4-38	8	$410.00
20.8-38	8	$545.00
14.9-28	4	$189.00
11.2-38	4	$165.00
12.4-38	4	$195.00
13.6-38	4	$225.00
14.9-38	6	$240.00
16.9-38	8	$340.00
20.8-38	10	$605.00
24.5-32	10	$795.00
23.1-26 TBL	10	$595.00
28L-26 TBL	10	$730.00
30.5L-32 TBL	10	$955.00

SALE ENDS DEC. 30th

SAFEMARK MULTI-ANGLE RADIAL: SHORT/LONG BAR

18.4R-34	★ STAR	$455
18.4R-38	★ STAR	$495
18.4R-42	★ ★ STAR	$595
20.8R-38	★ STAR	$690
20.8R-38	★ ★ STAR	$735

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Phone 717-866-7518

CHANGE OF OWNERSHIP SALE

All parts and store items in stock 20-50% off beginning December 18, 1989.

Rock Bottom prices on all new Holland machines in stock. GET THEM WHILE THEY LAST!

	Cash Price
258 Gr SOLD Drive Rake	$ 2,775
411 Disc SOLD 000 RPM	$10,095
495 Haybine	$11,475
316 Baler/Hyd. Drive 70 Thrower	$10,355
316 Baler/75 Thrower	$$10,495
326 Baler/Hyd. Drive 70 Thrower	$11,980
565 Baler/72 Thrower	$ 9,980
570 Baler/72 Thrower	$11,175
575 Bale SOLD Thrower	$13,130
716 Forage Box	$ 4,700
790W Windrow Head	$ 2,075
(2) 553 Skid Loader/70" Bucket	$13,595
305 Spreader/1225 Gal. Ext.	$ 5,895
308 Spreader/2275 Gal. Ext.	$ 9,295
520 Spreader	$ 3,899

All Prices CASH & CARRY
DON'T WAIT - Come in today while selection is good.
OPPORTUNITY TO SAVE ON YEAR-END PURCHASES.

Clugston Implement Inc.

A GOOD DEAL BETTER
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NEW HOLLAND
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843 Bobcat
743 Bobcat
742 Bobcat
642B Bobcat
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1600 Bobcat Articulated Loader

bobcat

Used Loaders

L1200 Prime Mover ... **Reduced $6,500**

Nothing Matches The Versatility Of A Bobcat Skid Loader

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Merry Christmas And Prosperous New Year!

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Zetor ND9 031 4WD Forklift	$26,500
Zetor 7711 Low Profile 66 HP	$13,400
Zetor 52452, Cab	$13,525
Zetor 5211 OL, 43 HP	$9,275
Zetor RUR-55 New 5 Ton Spreader	$5,535

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YEAR-END CLEARANCE ON HAY EQUIPMENT

• In-Stock Units Only!

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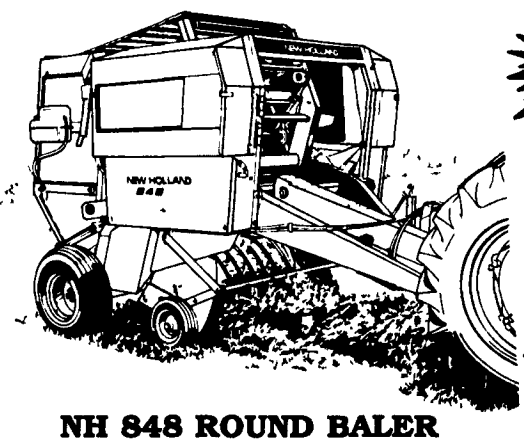

NH 311 BALER
With 3 Joint PTO, S.S. Pickup, #70 Baler Thrower, Hyd. Drive, Hyd. Directional Pkg.

One Only

Sale $9,895
Pay Cash Deduct - 400
$9,495

NH 316 BALER
With 75 Kicker and Electric Controls

One Only

Sale $11,595
Pay Cash Deduct - 500
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NH 316 BALER
With 70 Bale Thrower, Hyd. Drive, Hyd. Directional Pkg.

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Sale $11,200
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NH 326 BALER
With Spring Tension, 70 Bale Thrower, Hyd. Drive, Hyd. Directional Pkg.

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Sale $12,595
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HAY & FORAGE PROGRAMS

Waiver Until 6-1-1990
Or
0% For 18 Months
Or
6.9% For 24 Months
8.9% For 36 Months
9.9% For 48 Months
10.9% For 60 Months
or
Cash Discounts As Listed

NH 848 ROUND BALER
With Hyd. Control Tie, 3.00x12 Pickup Wheel, Bale Ejector, Full Bale Alarm, Reverse Drive, 11L-14 Tires

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Sale $9,395
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NH 1037 BALE WAGON
With Remote Controls, Tier Counter, Side Hill Hauling Kit

One Only

Sale $20,250
Pay Cash Deduct - 900
$19,350

NH 1499 S.P. HAYBINE
With Cab & Air, 12' Rolareel Head, Hyd. Guard Angle Kit, Rear Suitcase Weights

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Sale $35,300
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$33,700

NH 499 HYDRA-SWING
12' Rolareel Head w/Hyd. Guard Angle Kit

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Sale $14,795
Pay Cash Deduct - 700
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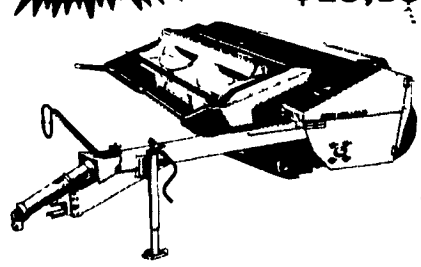

NH 489 9' HAYBINE

Four Only

Sale $8,775
Pay Cash Deduct - 400
$8,375

NH 256 RAKE
With Hitch & Jack, Traction Tires

Two Only

Sale $2,725
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NH 452 DISC MOWER
6'7", 3 Pt. With 5 Disc

Two Only

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NH 162 HAY TEDDER
17 Foot, 4 Rotor

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Sale $2,935
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NH 258 RAKE
Hyd. Drive, 27x9.50-15 Tires, Flow Control Kit, Hitch & Jack

One Only

Sale $3,295
Pay Cash Deduct - 150
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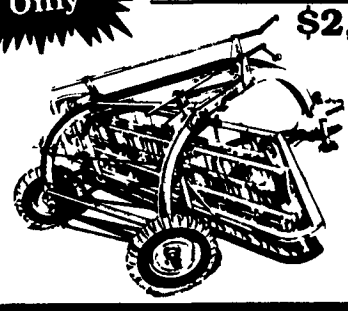

USED EQUIPMENT!

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NH 1010 Automatic Bale Wagon	$3,495
NH 469 9' Haybine	$1,295
NH #70 Bale Thrower (Fits 310)	$1,195
Fahr 17' Hay Tedder (4 Rotors)	$995
NH 27 Forage Blower	$895
IH 56 Forage Blower	$895

Grinder Mixer

NH 358 (125 Bu.) Grinder Mixer w/13' Auger	$5,795

Manure Spreaders & Miscellaneous

NI 244 (325 Bu.) Manure Spreader w/Endgate	$2,695
NI 245 (375 Bu.) Manure Spreader w/Endgate	$2,695
NH 667 (220 Bu.) RH Discharge Tank Spreader	$1,695

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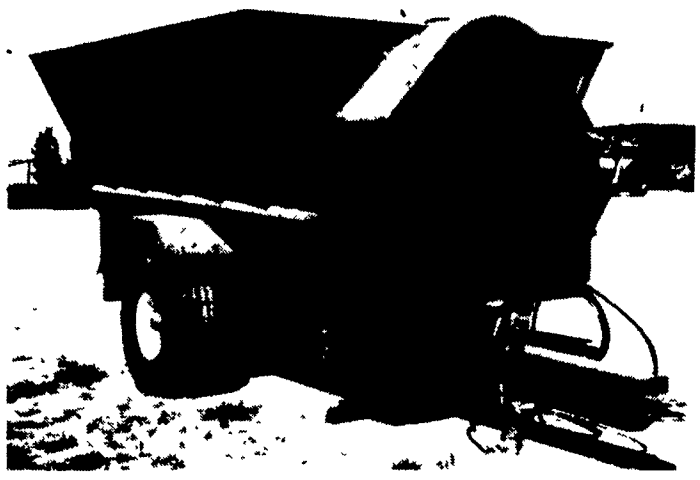

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Ford 860, PS, 3 pt. live PTO, excellent
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Ford 8N, above average condition
JD 950 12' cultimulcher
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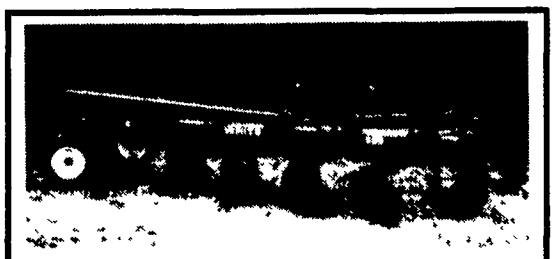

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Like New
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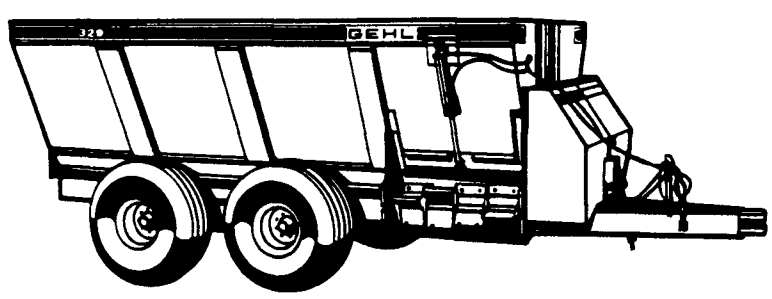

The one spreader for the two spreader farm

Spread liquids, semi-solids, solids, pen-packed, even frozen manure. A Gehl Scavenger® II manure spreader does the work of two spreaders for the price of one. It's built for efficiency, with a heavy-duty square-tube auger that works harder than conventional round augers. The auger powers up and down hydraulically to prevent bridging and cut through winter freeze-ups. Variflo front, right-hand discharge gives you complete application control.

Gehl 309 Spreader	
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Sale Price	$5,575
Cash Discount	205
Cash Price	$5,370

Gehl 312 Spreader	
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Gehl 315 Spreader	
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Cash Discount	360
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Gehl 322 Spreader	
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Super Christmas Special
1 Only, New Bolens Tractor, 21 HP, Diesel, 4WD, Turf Tires
$6,989

USED TRACTORS:

AC: 7040, power shift; 6080 and 6060, 2& 4 wd; 5050, w/front end ldr.; 5040 w/ldr.; 190XT, 185; 170.
DEUTZ: 6806 w/cab, low hours; 5206; 4006 w/loader; DX 130.
FORD: 7700; 7600, high clearance; 6600, 4WD; 5000; 4000; 3000 w/loader; 2000; 641 w/3 pth. forklift; 545 w/cab; 515 w/hydraulic drive, side mount rotary mower very clean, low hours; 8N's.
IHC: 2500, SERIES B, 3-PT. tractor/loader; 2400 w/front-end loader; 656 diesel hydro; 230 wide front end; 140 w/highway mower; CUB LOWBOY and Super A w/Mott hammerknife mowers; SUPER H; AV w/ cultivator; SUPER MTA; CUBS, 1066, sharp; 1494 Like New.
JD: 2840 w/Cab; 4230 Power Shift, 4030, 4020, 2440, 1050 w/loader 4WD like new; 301 Industrial w/loader, 60.
KUBOTA: 8200 4WD, 7100, 5100, 6000, 4950; 2550: w/front end ldr.; 2550 T/L/B. 245 high clearance, like new, (ideal for vegetable farm); 175 w/belly mower.
MASSEY: 275; 65; 35.
WHITE: 2-45 4WD w/loader.

MANURE EQUIPMENT:

Hedlund Martin liquid tanks & manure pumps. 1460 SCAVENGER spreaders. **USED BOX SPREADERS:** NI 243; 214; 212; 14A ground drive. NH: 328; 329. 125. IHC: 155. **TANK SPREADERS:** NH: 145 bushel right hand. Hawk: 207. Starline tandem axle right hand or left hand. **LIQUID SPREADERS:** Hedlund Martin V, 1575, SFM 3,000 Gallon, Vandale 3,000 Gallon, Manunit 3,000 Gallon. **VACUUM:** NI 800 Gallon, Clay 1,000 Gallon, Vandale 2,200 Gallon. **USED:** Badger, Butler and Hedlund Martin Lagoon Pumps.

MISCELLANEOUS MACHINERY:

NEW: WIC Equipment In Stock: Silage carts & bale mulchers. Round Bale Feeders.
USED: Danuser heavy duty 3 pth post hole digger. Bobcat Tools for skid steer mounting: 907 backhoe, hyd. drive trencher and post hole auger. Westgo hyd. rock picker. NEW & USED: York 3 pt. rakes, gang mowers, Bush Hog and Woods 3½, 4, 5, 6, 7 and 20' widths, rotary mowers.
USED: MF 15' Stalk Shredder. Steiners: 40' silage conveyor. **15 Miscellaneous Front End Loaders For Various Make & Model Tractors. Rear Scraper Blades- 3 Pt.- Hitch, Fast-Hitch And AC Snap-Couplers. Richardson Side Dumps, Moritz Livestock Trailer.**

INDUSTRIAL EQUIPMENT:

NEW: Asplundh Chippers in stock. Tag-a-Long trailers: 4, 5, 9, 18, 20-ton, 35-ton detachable. **USED: TAG-A-LONG TRAILERS:** 3-axle, 9-ton. **DOZERS WITH 6-WAY BLADES. AC:** HD-3. JD: 350; 350C w/Winch; 450C. CASE: 450C; 350. TD 15-B straight blade, w/tilt cylinder, completely reconditioned...ready for work. **CRAWLER/LDRS:** Used: CASE: 450 w/4 in 1 bucket. JD: 350. **SKID-STEER LDRS:** NH: 250, like new. L445 diesel. **PAYLDRS:** AC: 640; 840, 1½ yd., articulating. Also: 1.7 yd articulated new. **TRACTOR/LDR/BACKHOES:** Case 530, 580; Ford 555 w/extend-a-hoe. AC: 715-C; 615. KUBOTA: L3350, TLB, 4wd, low hours. **FORKLIFTS:** NEW: INGERSOLL-RAND: 22', 6000 & 8000, WT. capacity. **AC:** 706, rough terrain, heavy duty, 14' mast. 600: 21' mast. **RAYGO:** 2-ton vibratory roller.

FORAGE & HAY EQUIPMENT:

NI Disc Bine 5209. HESSTON: 1050 Disc Bine. JD #30 Hyd. Bale Thrower Attachment. **USED MOWER CONDITIONERS:** NH 489; 477; 474; 472; Hesston 6600 Dsl., Self-Propelled; 1091; 1071; PT7; 1090; NI 270 Cut/ditioner. NH, FORD, JD, IHC 3-Point Sickle Bar Mowers. FAHR & KUHN 4-Star Centipede Tedders. **BALERS w/THROWERS:** DA 490. JD: 346. NH 316, 310; 275. **ROUND BALERS:** NH 847, 851, 853. **FLAIL CHOPPERS:** JD 16A. NH 38; 36. **ROLLER BAR SIDE RAKES:** NH; NI, IHC. PZ: 3PT Tedder Rake. NH 258 Rake. Assorted Forage Boxes. **FORAGE BOXES:** Assorted Short-Hopper Forage Blowers & Windrow Pickup Heads; NH 28 Forage Blower, Like New; Gehl 750 Chopper; McKee Corn Hogs. **USED NI CORN PICKERS:** 323, 1 Row Picker, Low Acreage; 2 Row Pickers, Wide Row And Narrow Row Available w/Husking Beds Or Shellers. George White, Model 350 corn blower, Gehl grinder blower. Kools KB 2000 grinder blower FARM HAND CORN BLURR FOR HIGH MOISTURE CORN. NH 354 Mixer/Grinder.

BE PREPARED FOR WINTER, WE HAVE THE FOLLOWING SNOW EQUIPMENT IN OUR INVENTORY.
Chevy C-50 platform dump with power angle plow. Ford truck w/plow and cinder spreader. 12 used 3 pth snow blowers for 15-50 hp tractors. Snow plows of various sizes for trucks and tractors. Tire chains, scraper blades and antifreeze.

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WE SHIP PARTS DAILY BY UPS.
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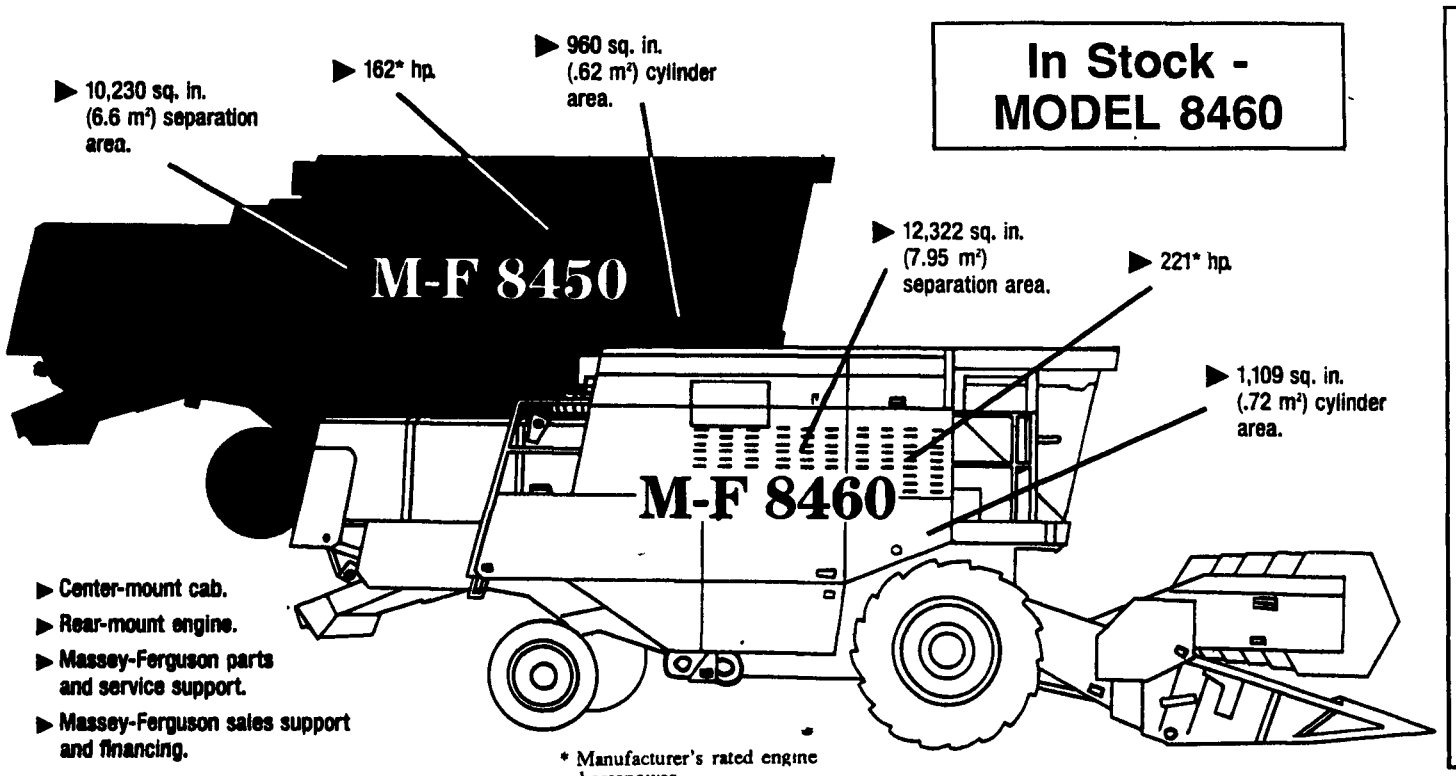
Sales, Service & Parts For Deutz Allis, Kubota, New Idea, Hesston, Bush Hog And Brillion

They're Here!

TWO NEW M-F COMBINES


▶ 10,230 sq. in. (6.6 m²) separation area.
▶ 162* hp.
▶ 960 sq. in. (.62 m²) cylinder area.
M-F 8450
▶ 12,322 sq. in. (7.95 m²) separation area.
▶ 221* hp.
▶ 1,109 sq. in. (.72 m²) cylinder area.
M-F 8460
▶ Center-mount cab.
▶ Rear-mount engine.
▶ Massey-Ferguson parts and service support.
▶ Massey-Ferguson sales support and financing.

* Manufacturer's rated engine horsepower.

In Stock - MODEL 8460

Massey-Ferguson pioneered self-propelled combines many years ago. And ever since Massey-Ferguson combines have been famous for their performance and reliability.

The two newest Massey-Ferguson combine models will be available for the fall harvest. And like all the M-F combines before, they're sure to become a legend for their productivity and quality.

So don't even think of buying another combine until you've seen the new Massey-Ferguson 8400 Series combines.

SCHMIDT "HEAVY DUTY REBUILT TABLE AUGER"

Damaged Or Broken Combine Table Augers Rebuilt Same As New!

No need to purchase a new auger when you can buy one that's rebuilt! Or have your auger repaired for less than one half of the new auger price!

Rebuilt augers are guaranteed to run true! "They are jig repaired."

We Can Rebuilt All Makes Of Augers

Call Now For An Appointment & Price Quotation To Have Your Auger Repaired

40 4WD Compact Tractors Back From Lease Contracts. Low Hours At Low Prices

NEW AND USED IMPLEMENTS

Tag	Brand	Model	Machine	Sale Price
NB3976	MF	676	Blower	$2,200
NB3977	Grimm	S-8	Tedder	$1,620
NB6048	MF	585	P.T. 5-Bar Rake	$2,350
NB6049	MF	775	Swather Auger Head	$700
NB6053	MF	41	Mower	$2,250
NB6072	J-Bar	L C 4	Finger Wheel Rake	$475
NB6074	J-Bar		Disc Mower	$2,500
UP5153	MF	345	Plow	$2,500
UP3973	Landoll	875	11' Field Cultivator	$2,800
UI			Tye Drill	$8,500
NI5189	J-Bar		6 ft. Box Scraper	$300
NI5186	York	75	8 ft. 3 pt. Blade	$1,075
NI5182	MF	1028	48" Box Scraper	$320
NI3965	Woods	M721	6 ft. 3 pt. Rotary Mower	$1,050
NI5184	J-Bar		7 ft. 3 pt. Blade	$295
NI5185	J-Bar		8" HD 3 pt. Blade	$750
NI5188	Myer	C-8	8 ft. Snow Plow	$1,400
NI5193	J-Bar		6 ft. 3 pt. Yard Blade	$380
NI5005	J-Bar		Soil Scoop	$175
NI5190	Worksaver	EB6-3	6 ft. 3 pt. Blade	$225
NI5191	Worksaver	RB7582	8 ft. 3 pt. Blade	$700
NI5192	J-Bar	7 ft. 3 pt.	Yard Blade	$295
NI5194	J-Bar		6" 3 Pt. Yard Blade	$380
NI5195	Tr. Blazer		3 pt. Bale Fork	$150
NI5197	Dunham	22	Loader	$3,350
NI3960	Danuser	MD6	Post Driver	$1,650
NI3962	J-Bar	Condor	6 ft. Rotary Cutter	$675
NI3963	Danuser	MS-I	Wood Splitter	$780
NI3976	Woods Dix	M-5-4	5 ft. 3 pt. Rotary Cutter	$900
NI3978	EZ Trail	672	running gear	$500
NI3979	EZ Trail	872-W		$925
NP5200	Sovema	L120	4 ft. Rotavalir	$1,075
MF 246 Loader				$3,100
MF 124 Baler w/Thrower				$2,200
JD 105 Bushel Spreader				$600
M&W Auto Reset 5 Tooth Subsoiler				$5,200
NH 320 Baler				$4,600
NI 325 Corn Picker, 2R 30"				$4,000
Vico KM 321 Disc Mower Conditioner				$6,500
Used Brady Flail Chopper				$2,900
NH 499 Haybine				$7,900
NI Manure Spreader				$1,200

USED TRACTORS

	Sale Price		Sale Price
90 HP MF 399 2 WD	$18,500	31 HP MF 1035 4 WD	$8,900
90 HP MF 399 4 WD	$22,000	MF 3165 Indust. Tractor/Loader	$6,800
80 HP MF 398 2 WD	$18,100	84 HP MF 1080	
35 HP MF 1045 2 WD	$8,650	Farmall M w/2R Picker	$2,000
26 HP MF 1030 2 WD	$6,700	AC 7000	$6,500
26 HP MF 1030 4 WD	$8,000	Ford 2000 w/ldr.	$4,900
31 HP MF 1035 2 WD	$7,600	JD 2630	$6,500

USED COMBINES

	Sale Price		Sale Price
MF 750 #5173	$12,000	MF 1143 Corn Head	$4,800
1979 760	$18,000	JD QA 16' Flex Head	$2,700
410 Combine #1681	$2,500	JD QA 4R 30 Corn Head	$3,200
1981 MF 860 Hydro V8 4 WD	$25,000	JD QA 4R 40" Corn Head	$3,200
MF 9118 Grain Head	$6,000	MF 8R 30" Corn Head	$2,500
MF 205 w/10' Head	$3,500	1981 MF 860	$24,000
MF 33 Cornhead	$1,800	1980 MF 750	$14,000

IH 1590 14' Cut Hydroswing Mower Conditoner

Tag	Year	Brand	Model	Sale Price
UC4821	74	MF	760 Combine	$7,500
UC4928	77	MF	750 Combine	$12,000
UC5931	73	MF	760 Combine	$10,000
UC5952	80	MF	760 Combine	$20,000
UC5934	73	MF	510 Combine	$8,500
UC6001	70	MF	410 Combine	$2,500
JD 6600 Combine				$2,000

MASSEY-FERGUSON

M.M. WEAVER & SONS, INC.

Leola, PA 17540 (717) 656-2321

Located: 4 miles West of New Holland on Route 23, 1½ miles Northeast of Leola on the North Groffdale Road, 1 mile on the right, opposite Groffdale Mennonite Church.

USED TRACTORS

JD 4850 1987 MFWD, 1650 Hours	$59,000	Coming In
JD 4440 1980 FWA, Duals	$21,000	
JD 4630 1977 QR, Duals	$21,000	
JD 4630 1976 QR, Duals	$21,000	
JD 7020 4WD, PTO, 3 Pt. Hitch, New Motor	$15,900	

PLANTERS

Kinze 8 Row Double Frame, 11 Total Units	$ 7,500
JD 7000 8 Row 30"	$ 8,500
JD 7000 6 Row 30" w/5 Row Splitter	$11,000
JD 7100 13 Row Soybean Special, Coming In	$12,500
New JD 8300 Drill, 16x10	$ 3,500
Haybuster No-Til Drill, 12', Nice Shape	$ 4,500
2 Brillion Fold Up Culti-Mulcher	$ 4,000 And $ 5,000

JONES IMPLEMENT CO.
PO Box 397
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GOOD USED FARM EQUIPMENT

NH 489 Haybine, 3 yrs. old, nice $4,250
NH 489 Haybine w/hydraulic hitch, NEW $7,850
NH 144 Wi SOLD Turner $2,800

CAN DELIVER...WILL TRADE
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IH 1066 New TA and clutch, rubber and paint, excel. cond. $10,900
IH 574 Dsl., very good cond. $6,500
IH #8 Flail Chopper, $1,500
Farmall H, $900
IH 574, As Is, $4,000

Jeff Showaker
Exit 11, I-81
717-776-5291

Martin Tractor
RD 2, Box 247 Newville, PA 17241

Used Tractors
JD 620; Jet Star; AC WD45; Massey Harris 22 3 pt.; Case 1030.

Currently Dismantling Tractors For Parts

AC: B, WC, WD, D14, D15, D17, D19, 5040, XT190, 200, 7040; DB: 990; CASE: VAC, SC, DC, 430, 600, 700, 730, 870, 1070, 1370, 1410; DEUTZ: 5506; 9006; FORD: 9N, Jubilee, 851, 971, 4000, 5000, 6000, 8000, 9600; IH: H, M, MTA, Super C, WD9, B275, 300, 350, 400, 404, 450, 460, 504, 544, 560, 584, 656, 666, 706, 806, 966, 1026, 1206, 1256, 1586; JD: A, B, 40, 50, 60, 70, 420, 520, 530, 620, 720, 730, 1530, 2010, 2020, 2040, 2510, 3010, 4010, 3020, 4020, 4430, 4630, 5020; Long: 460; MF: 65, 85, 165, 175, 178, 180, 1080; MH: 44; MM: 4 Star, 5 Star, Jetstar 3, 445, 602, 670, G900; G1000; Oliver: 60, 66, 70, 77, 88, 770, 1450, 1550, 1600, 1650, 1750, 1755, 1800, 1850, 1855, 1950, 1955.

717-776-7542
MON-FRI 8-5
SAT 8-12
No Sunday Calls Will Ship UPS
No Out Of State Personal Checks

HOLIDAY GREETINGS

USED TRACTORS

JD 4640, cab & air
JD 4440, cab & air, quad range
JD 4440, cab, air, power shift
JD 4320
JD 4240, PS, cab & air
JD 4230, cab, air, QR, front wheel assist
JD 4430, cab & air, sharp
JD 4230, cab & air, QR
JD 4030, cab & air
JD 4020 diesel
JD 4020 gas
JD 2510
JD 2940, 4WD
JD 2750 w/loader
JD 2440
JD 2355, like new
JD 2350
JD 2240 w/cab
JD 2240
JD 2150
JD 2030
JD 3020 diesel
JD 3020 gas w/loader
JD 950
JD 830, 3 cylinder
IH 3688, cab & air
IH 3588, 2+2, excellent
IH 3288, like new
IH 1486, cab & air
IH 1086, cab & air
IH 986, cab & air
IH 884 w/cab
IH 884 w/2250 loader
IH 685, cab & air, 700 hrs., like new
IH 485 w/loader, 200 hrs.
IH 684 w/2250 loader
IH 666 gas
IH 666 diesel
IH 1066
IH 354
IH 284 w/loader, MFWD
Ford 8600 w/cab
Ford 3600 w/factory cab
Ford 3400 w/loader
Ford 2000
Ford 3000
MF 265 w/loader
MF 135 gas

IH 986, cab & air, 1,050 actual hrs.

1987 Deutz Allis 7120, used only 20 hrs.

New Ford 5610

INDUSTRIAL

MF 200 crawler loader
MF 40B forklift
NH 779 skid steer
Gehl 4510 skid steer
NH 785 skid steer, like new
Ford CL55, used 1,000 hrs.
Ford 555 TLB, excellent
JD 410 TLB w/cab

USED PLOWS

Int. 5 btm. 16" spring reset plow
White 6 btm. 16" spring reset plow
IH consertill 13'
IH 720 6 btm. 18" toggle trip
IH 720 5 btm. 18" toggle trip
IH 710 6 btm. 18" spring reset, on land hitch
JD 2500 5 btm. 18" spring reset

USED COMBINES

244 JD corn heads
444 JD corn heads
443 corn heads
JD 4400 diesel, 1,500 hrs., sharp
JD 4400 diesel
JD 7700 diesel

HAY EQUIPMENT

JD 346 w/thrower, sharp
JD 338 baler, new
JD 1207 7' haybine
IH 7' haybine, like new
NH 326 wire baler, excellent
NH 1033 bale wagon
NH 1010 bale wagon
New NH 1003 bale wagon

MISCELLANEOUS

New Woods 315 Bat Wing mower
New Woods 12' Bat Wing
JD 260 loader w/cab control
NI Super Sheller, like new
NI 2 row wide, 8 roll bed
NI 2 row narrow, 12 roll bed
Gehl 115 grinder mixer
Gehl 120 grinder mixer
Bush Hog plowing disc, 14'
JD 3RW harvester head, like new
IH 510 grain drill
Kewanee mulcher, like new

D & R EQUIPMENT INC.
Ringoes, New Jersey
(201) 782-5082

Norm Shores & Son Tractor
Towanda, PA
717-265-9014

Delivery Available

USED TRACTORS

Ford TW15, 4WD, Cab, air, weights, fully equipped, 1350 hrs., excellent
Ford 7710 4 WD, Cab, air, weights, fully equipped, 1230 hrs., excellent
Ford 9700 w/ROPS, dual power and weights, very nice
Ford 7710, 2 WD, cab, air, fully equipped, 1100 hrs., with Ford 777 QT loader, excellent
Ford 7000 Dsl., all purpose model w/cab, good condition
Ford TW30 cab and air, 20.8x38 tires w/duals, front and rear weights, 3 remotes, excellent condition
Ford TW30, cab, air, 4WD, 20.8x38 tires, dual power, very nice
Ford TW20 cab, w/heat, 20.8x38 tires, radials, front and rear weights, very nice
Ford 8210 cab, air, 2WD, fully equipped, 500 hrs., like new, (95 hp)
Ford 8210, cab, air, 4WD, fully equipped, 516 hrs., like new (95 hp)
Ford 7000D flat deck model, dual remotes, weights, extra nice
Ford 6610 4WD, 2 pumps, 2 remotes, very good condition
Ford 6600 flat deck, dual power, 38" tires, very nice
Ford 6600 factory cab, dual power, dual remotes, clean and original
Ford 5610, 4WD, 2 remotes, 2 pumps, syncro-mesh, very nice
Ford 5000 Dsl. SOLD flat deck, model with dual power and dual remotes, very nice
Ford 5000 1970 Diesel, 8 spd., good condition
Ford 4610, 4 WD, 2 remotes, 2 pumps, 1690 hrs., w/Ford QT loader, excellent
Ford 4000 Gas 8 spd. PS, good cond.
Ford 601 Gas 4 spd. Power steering, original
JD 4020D WF, 2 remotes w/QT loader, very nice
JD 4440, 1980 20x38 tires, weights, 3300 hours, QR, very nice
JD 4010 dsl, WF, front and rear weights, rebuilt motor, excellent cond.
JD 3020 side console, 2 remotes, front and rear weights, roll bar and canopy, rebuilt motor, excellent
JD 3010 Gas, WF, good cond.
Oliver 88 gas, clean and original
IH 1066 cab, air, 20.8x38 tires, 2 remotes, excellent
IH 884D 4WD, 2 valves, 2 PTOs, TA, front weights, 1600 hrs., excellent

USED TILLAGE

JD 1240 4R plateless planter, dry fert., good cond.
JD 1240 4R SOLD anter, double disk openers, insecticide boxes, nice
White 5400, 6R planter, dry fert., monitor, no-til, disc openers, excellent
White 543 4R Planter, double disk openers, insecticide boxes, excellent
MF 9 tooth 3 pt. chisel w/gauge wheels, nice
Case 7 Tooth, 3 pt. Chisel adjustable gauge wheels, new paint and shovels
Ford 151, 4x18 Spring Reset Plow, w/coulters, (White 508)
Oliver 3x16 Cushion trip, semi-mount plow, excellent
IH 370 11' Disk, excellent
JD 220 20' centerfold disc, black gang, 20" deepdish blades, excellent
Glenco 12' field cultivator, 3 pt., w/gauge wheels
White 12' Heavy Duty frame disc w/24" blades, excel.
Oliver 4x16 cushion trip semi-mount plow, good cond.
IH 710 4x16 spring reset plow, coulters, gauge wheels, sidehill hitch, very nice
JD FBB 16x7 Grain Drill, very nice
White 588 5x20 auto reset plow w/coulters and gauge wheels, very nice
White Oliver 548 5x16 auto reset plow w/coulters, excellent
Case 308 4x18 auto reset plow, coulters, gauge wheel, very nice (White 508)
Oliver 252 12' finishing disc, very nice

USED FORAGE EQUIPMENT

NH 892 w/3 RN auger base pickup, elect. controls, metal alert, very good cond.
Fox Maxi one, self-propelled harvester, diesel, hydro, 4 WD, 3 RN, low profile, works excellent
JD 3960, 2 RN, 7' pickup, elect. controls, nice
Gehl CB600 electric sharpener, 2RN corn, hay pickup excel.
Gehl CB1000, 2R adjustable corn, wide pickup, elect. controls, very good condition
Gehl CB400 w/1R and pickup good condition
NH 892 w/824 2RN and 880W pickup, electric controls, reconditioned, excellent

USED HAY EQUIPMENT

NH 256 Rake w/rubber teeth
NH 256 Rake with dolly wheel
NH 258 Rake w/rubber teeth
NH 273 w/thrower
NH 269 w/thrower
NH 310 w/#70 Thrower, very nice
NH 848 Round Baler, 1 yr. old, excellent
NH 489 Haybine, very nice
NH 495 12' haybine, good condition
NH 479 Haybine
NH 499 12' hydro swing, excellent
JD 1209 Haybine late model
JD 640 rake w/dolly wheel
Vicon Disc Mower Conditioner, Excellent
NH 847 round baler, excellent

CONSTRUCTION EQUIPMENT

JD 555 A Loader, crawler loader w/ripper, ROPS, Excel.

USED HARVESTER HEADS

NH 880W Hay Head
NH 890 2 RW Corn
Gehl 2R Snapper head
JD 3RN corn head
JD 2RW w/clutch
JD 2RN without clutch
NH 770W hay head
NH 717 2RN corn, excellent

MISCELLANEOUS

Ford 776 B loader fits 7700 or 7710
Oliver self-propelled combine with hume reel, excellent

PICKERS

NI 323, 1R
JD 300 w/2RW or 2RN, very nice
NI 325 2RN, 12 rolls, very nice

1 FARM EQUIPMENT

BEILER ENGINE SERVICE

280 PENNSY ROAD
NEW PROVIDENCE
PA 17560

LOMBARDINI · BRIGGS & STRATTON · Kawasaki

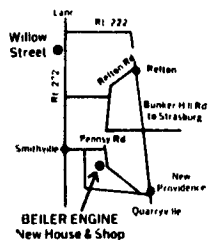
SALES • SERVICE • ENGINE DISTRIBUTOR

Notice: Farmers, Contractors & Other Engine Owners Our Winter Discount Program Is Now In Effect

10% Discount On Parts & Labor Or Engines Scheduled For Repair Before Jan. 30, 1990

Plus
Free Pickup & Delivery In Lancaster Co. On Engines Under 70 H.P. If Scheduled Before Dec. 31, 1989
To Schedule Pickup Write To:
280 Pennsy Rd., New Providence, PA 17560
Or Call Hoover Diesel 717/786-7943

Get Your Engines In Shape Now For Spring. We Can Repair, Overhaul Or Rebuild Your Engine. We Stock Parts For Lombardini Diesels, Wisconsin, Kohler, Kawasaki, And Briggs & Stratton Engines.



Note: Our Deadline Is Earlier Than Other Years. We Need To Have The Engines Sooner To Avoid The Spring Rush. Schedule Your Engine Now!

NEW EQUIPMENT IN STOCK

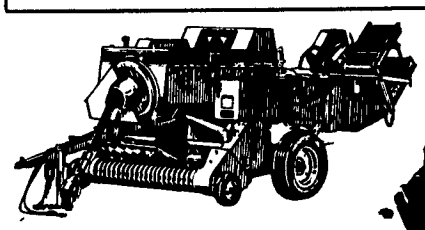
CLEARANCE!

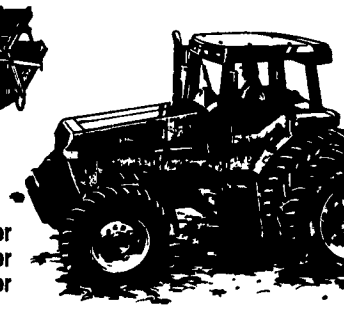
END-OF-YEAR SPECIALS!

- Case IH 1044 4-Row Wide Cornhead
- Case IH 2200 Loader
- Case IH 560 Spreader
- Case IH 6500 11 Ft. And 14 Ft. Consertills
- Case IH 415 Packer Mulcher, 10 Ft. 1" Demo.
- Case IH 5700 3 Rank 11 Ft. Chisel
- Case IH 1190 Mower Conditioner, 9 Ft. — Special Big Discount

★ MUST SELL...CALL FOR PRICES ★

Call For The Best Deal Now And Get An Extra Case IH 10% Discount!





- Case IH 8520 Twine Baler w/Thrower
- Case IH 8530 Twine Baler w/Thrower
- Case IH 8540 Twine Baler w/Thrower
- Case IH 8440 Round Baler
- Case IH 8610 Bale Processor
- Case IH 8320 7 Ft. Mower Conditioner
- Case IH 8340 9 Ft. Mower Conditioner, New Model
- Case IH 8360 12 Ft. Hydroswing

MAGNUM IS HERE!
7110 2WD - Just Arrived!
7110 4WD - Just Arrived!
7120 4WD - Just Arrived!

Case IH 385, 2WD, Shuttle Shift
Case IH 385, 4WD, Shuttle Shift
Case IH 485, 4WD, Shuttle Shift
Case IH 485, 2WD, Shuttle Shift
Case IH 485, 2WD, Shuttle Shift, Heavy Duty Front Axle
Case IH 585, 2WD, Cab
Case IH 685, 2WD, Cab
Case IH 685, 4WD, Shuttle Shift
Case IH 1818 Diesel Uni-Loader
Case IH 1825 Diesel Uni-Loader
Case IH 1845C Uni-Loader

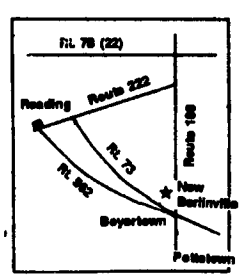
Case IH 5100, 16x7 Comb. Grain Drill
Case IH 5100, 20x6 Plain Drills - Just Arrived
Case IH 183 4-Row Cultivator
Case IH 183 6-Row Cultivator
Case IH 530 Spreader
Case IH 2200 Loader
Case IH 2250 Loader
Case IH 2255 Loaders
Case IH 1043 Cornhead, 4 Row
Case IH 1063 Cornhead, 6 Row

NEW! CASE 1840 UNI-LOADER IN STOCK!

Case IH 145 3-Bot. Rollover Plow, Auto Reset
Case IH 145 4-Bot. Rollover Plow, Auto Reset
Case IH 496 Disk Harrow, 18'7, Cushion Gang, 7½" Spacing
Case IH 496 Disk Harrow, 19'1, Cushion Gang, 9" Spacing
Case IH No. 14 Sub-Soiler, Auto Reset
Case IH No. 10 Sub-Soiler, Manual Reset
Case IH 5100, 24x6 Comb. Grain Drill

Over 20 200-Series Case-IH Compact Tractors In Stock!
- Special Price On Model 235
Call For Details!

We Ship UPS Daily!



Hours: Daily 7 to 5:30; Sat. 7 to 3

ERB & HENRY EQUIP., INC.

New Berlinville, PA
One Mile North of Boyertown
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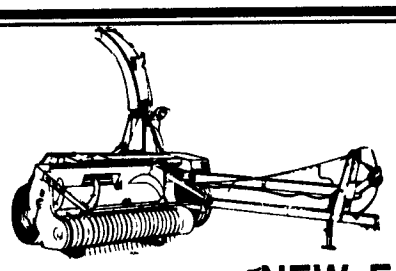
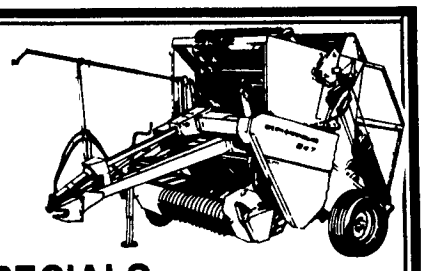
FAX: 215-367-6715

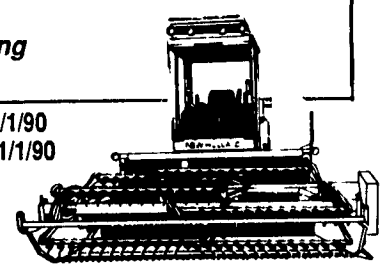




NEW EQUIPMENT SPECIALS
NH HAY & FORAGE EQUIPMENT

	LIST	CASH
NH 474 Haybine, Rental	$10,031	$ 5,300
NH 718 Harvester, Rental	$10,710	$ 6,500
NH 489 Haybine	$11,351	$ 8,595
NH 488	$ 9,810	$ 7,500
NH 256 Steel Tine Rake	$ 3,060	$ 2,640
NH 258 Steel Tine Rake	$ 3,565	$ 2,990
NH 40 Blower	$ 4,269	$ 3,325
NH #8 Metal Forage Box	$ 8,191	$ 6,780

We have a large inventory for you to survey when purchasing your new equipment.



Free Financing Hay & Forage Equipment til 3/1/90
Spreaders, Grinder Mixers & Skid Loaders til 1/1/90
or
Finance Rates 0% - 18 Months
6.9% - 24 Months
8.9% - 36 Months
or
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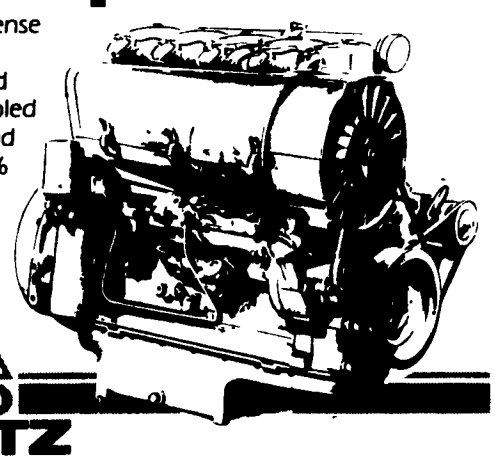
DEPENDABLE MOTOR CO.

East Main St., Honey Brook, Pa.
215/273-3131 or 215/273-3737

AirDiesel

It can eliminate 40% of all your engine maintenance problems.

A Deutz AirDiesel is a true no-nonsense engine. There are no troublesome components such as hoses, fans and radiators associated with liquid-cooled engines. A Deutz is cooled by air and is engineered to save you up to 20% in fuel over other diesels.
Over one million AirDiesels from 5 to 500 HP are working in all fields of application throughout the world.



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★ We are a one-stop, full-service Deutz engine supply house. Wholesale, Dealer & Retail Sales.
★ Largest parts stock in the Northeast.
★ Large stock of engines up to 270 Hp series. Delivery from stock.
★ We specialize in Industrial engines to serve you better.

USED DEUTZ ENGINES

- F3L-912 49 hp with starter, alt., air cleaner, muffler, etc. $2,065
- F4L-912 66 hp with starter, alt., air cleaner, muffler, etc. $2,277
- PTO clutch for above $500
- F6L-912 100 hp with starter, alt., air cleaner, clutch frame $3,686
- BF6L-913 146 hp *coming in*

Stauffer Diesel Inc.

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Ephrata, PA 17522
(717) 738-2500

48 Buttermilk Hollow Road
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All Steel Frame Hay Wagon, 8x18

All Sizes, Steel Hay Feeders

24' Feeder On Whls.

Self Locking Panels

J & L EQUIPMENT
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NEW HOLLAND

FORD TRACTORS
New 6610
(2) Used 860
Used 8N
Used NAA
Used 1210 w/Midmount Mower
Used 4140 Tractor/Loader

NEW HOLLAND
New 853 Round Baler
New 488 Haybine
New 355 Grinder Mixer
New 329 Manure Spreader
New 311 Baler
New 316 Baler
Used 365 Tank Flail Spreader
Used NH 1495 SP Haybine
Used 611 Forage Harvester w/Heads
Used 479 Haybine
Used 489 Haybine
Used 469 Haybine
Used 461 Haybine
Used 273 Baler w/ Thrower
Used 272 Baler w/Super Sweep Pickup
Used 273 Baler w/Super Sweep Pickup

OTHER TRACTORS
New Bolens G152 Dsl.
Used Case 611 B Tractor
Used Farmall H
Used Ferguson T030
Used MF 202 TLB

OTHER EQUIPMENT
(2) Used Woods RM 59 Finish Mower
Used JD 494A Corn Planter
New Kuhn FC300 Disk Mower Conditioner
New Ford 150 Mtd. Moldboard Plow 3 B-16"
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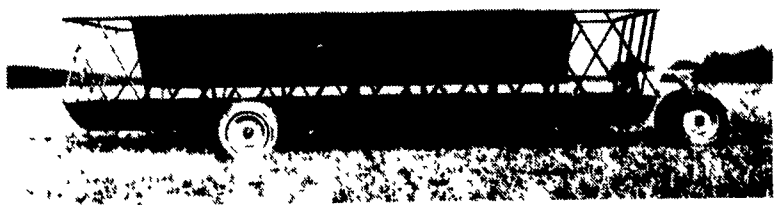

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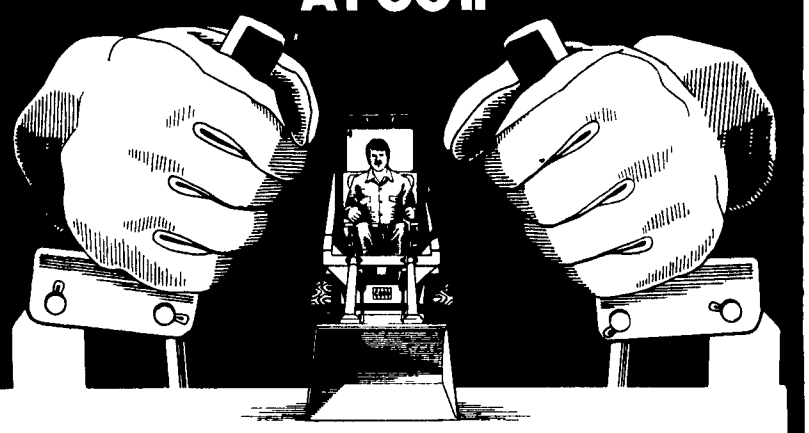

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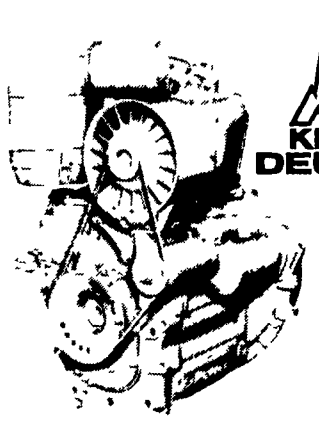

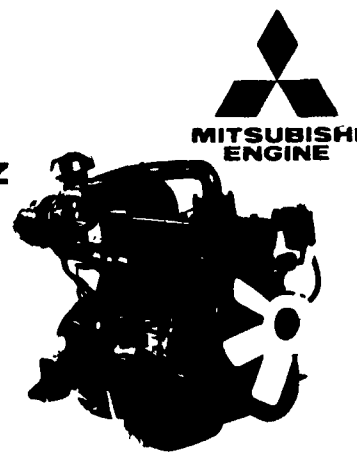

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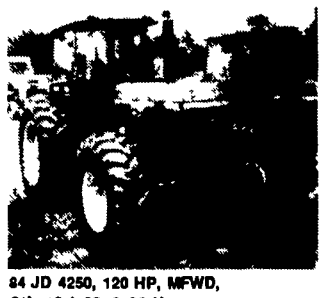
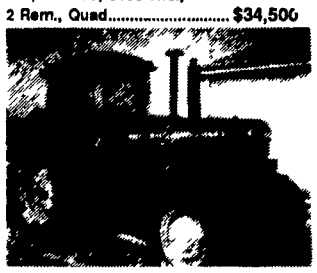
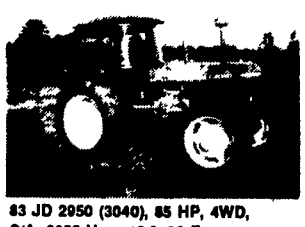


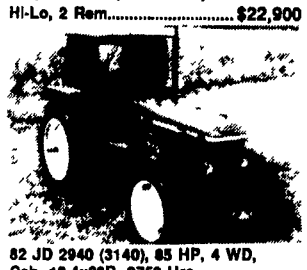
84 JD 4250, 120 HP, MFWD, C/A, 18.4x38, 3100 Hrs., 2 Rem., Quad.....$34,500



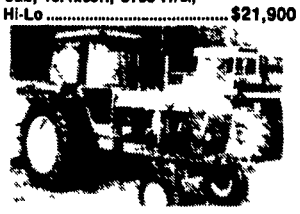
80 JD 4440, 130 HP, 4 WD, C/A, 3000 Hrs., 18.4x38, 2 Remotes, Quad.....$22,900



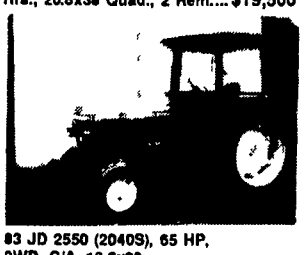
83 JD 2950 (3040), 85 HP, 4WD, C/A, 2355 Hrs., 16.9x38 R, Hi-Lo, 2 Rem.....$22,900



82 JD 2940 (3140), 85 HP, 4 WD, Cab, 18.4x38R, 3750 Hrs., Hi-Lo.....$21,900



81 JD 4240, 110 HP, 2 WD, C/A, 3000 Hrs., 20.8x38 Quad., 2 Rem....$19,500



83 JD 2550 (2040S), 65 HP, 2WD, C/A, 13.6x38, 2570 Hrs.....$16,000
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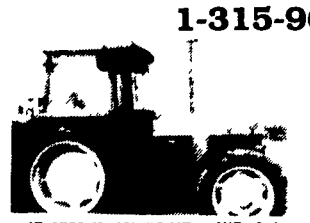
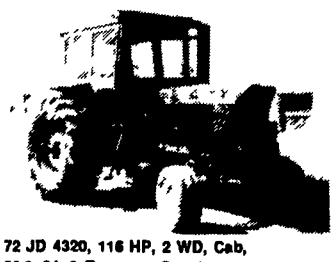


83 JD 2750 (2140), 75 HP, 4 WD, Cab, 3650 Hrs., 13.6Rx38 (New).....$18,500



72 JD 4320, 115 HP, 2 WD, Cab, 20.8x34, 2 Remotes, Synchro, 6400 Hrs., Side Console.....$9,500

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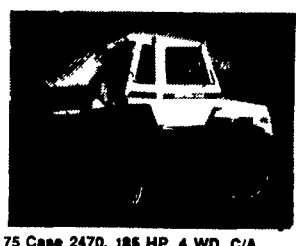

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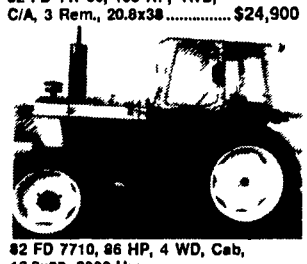

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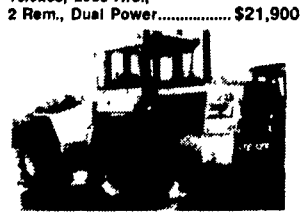

78 Steiger ST270 Cougar III, 228 HP, 4WD, Cab, 30.5Lx32, 20 F/4R Tranny, 4 Rem., 1862 Hrs., (Rebuilt Engine & More At 1662 Hrs.).....$29,900

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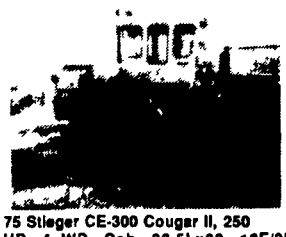

75 Steiger CE-300 Cougar II, 250 HP, 4 WD, Cab, 30.5Lx32, 10F/2R Tranny, 3 Rem., 4415 Hrs. (Rebuilt Engine & More At 4415 Hrs).....$24,900

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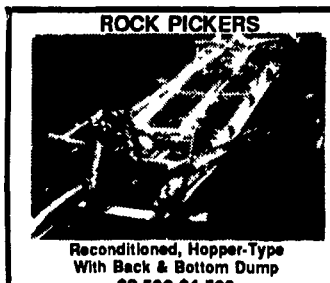

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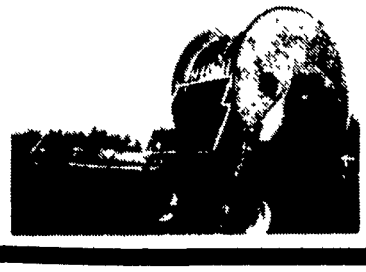

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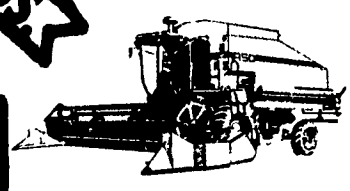

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Sat. 7:30 A.M.-12:30 P.M

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(215)987-6221 or 987-6257
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Sat. 7:30 A.M.-12:30 P.M.

NEW AC 600 6R PLANTER W/FERTILIZER AND MONITOR
$9,250

TRACTORS
AC 7060D w/Cab, Air/Heat, Excellent
AC 7050 D w/Cab, Air/Heat
AC 7040 D w/Cab, Air/Heat
AC 210 D
AC 200 D, Excellent!
AC WD45
AC WD
AC D17
Ford 8000D, Excellent
Ford 8N
Ford 9N
(2) Farmall M
Farmall 504
MF 1150D, with cab
JD 3010 w/WFE
JD 3010 D
JD 3020 D, Excel.
JD 720
JD 60
Oliver 1955, Excellent
AC 540 Loader w/20' Boom w/Forks & 80" Material Bucket

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JD 1209 Haybine
(2) NH 489 Haybine
NH 479 Haybine
MF 81 Haybine
(2) Hesston 1014 Hay Conditioner
JD 346 Wire Baler
NH 273 Baler w/kicker
NH 275 Baler w/kicker
NH 320 Baler w/wire tie
Grim PTO Tedder
Vicon 165, 5½' Disk Mower, Excellent

COMBINES
AC Gleaner L2 D w/Cab & 16' Grain & 630 Corn Heads
(1978) AC Gleaner M2 D w/Cab, Air, 13' Grain & 430 Corn Heads
(1977) AC Gleaner F2 D w/13' Grain & 438 Corn Heads
AC Gleaner FKS D w/Cab, 13' Grain & 438 Corn Heads
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MF 750 D w/Cab, Air/Heat & 630 Corn Head 2100 Hrs., Excellent
NH 975 Gas w/Cab & Both Heads
NI Uni-System 701 w/710 Power Unit, 10' Grain & 2-Row Wide Corn Heads
NI 2R Pull Type Husker w/325 Husking Bed & 329 Sheller, Excellent
NI 323 1 Row Picker, Excellent

MISC.
Weaverline 224 Silage Cart, 30 BU., w/Automatic Charger, Rebuilt!
NH 350 Grinder/Mixer
NH 352 Grinder/Mixer, Excellent
NH 357 Grinder/Mixer, Excellent
Gehl Grinder/Mixer

TILLAGE
Oliver 546 5B Automatic Reset Plow
JD 5B Spring Trip Plow
JD 4B Semi-Mount Plow
(2) MF 4B 3 Pt. Plow
JD 1000 12' Disc w/Trans. Harrow
JD 17 Disc Grain Drill
AC 600 Air Champ Planter 6-30" Rows
(2) AC 600 Air Champ Planters 4-30" & 4-38" Rows
JD 7000 6-Row Plateleff Planter, Excellent
JD 7000 4-Row Plateleff Planter
JD FBB15 Double Disk Grain Drill

FORAGE EQUIPMENT
NH 717 Super Chopper, 2-R Corn & PU Heads
NH 717 Chopper, 1-R Corn & PU Heads
IH Forage Wagon w/Roof
MF Chuck Wagon
Gehl Chuck Wagon

MANURE SPREADERS
NH 680 w/Hydr. Endgate, 380 Bu., Excellent
NH 675 w/Endgate, 300 BU.
NH 519, 217 BU.
NI 245, 360 BU., Endgate
NH 518, 220 BU.
NI 214, Liq. Pan, 210 BU. A-1!
NI 218, w/Hyd. Endgate, Tandem, 300 BU.
(3) NI 213, 177 BU.
IH 550 w/Endgate, 200 BU.

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All Used Tractors, Combines And Implements Are Going To Be Sold "BELOW AUCTION PRICE" for 30 days only!

Free Delivery (Within 100 Miles), Low Finance And Cash Discount!

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USED CONSTRUCTION EQUIPMENT

Backhoes, Loaders, Crawlers, Dozers, Etc. Currently Available:

Backhoes: Ford 655 4WD Extendahoe, cab, 464 hrs.; Dynahoe 190 4WD 76 Series; Case 580B w/ extendahoe; JD 310, IH 280 w/cab; Case 580C w/extendahoe; Case 580C w/cab 4-in-1 & extendahoe; Specials: IH 3514, Case 580CK- Your Choice $3,850.

Crawlers: Case 450B 6-way; JD 450C w/ tree shear & bucket loader; IH 175C; Cat 931 w/hoe & 4-in-1; Cat D4D w/6 way & winch; JD 855.

4 WD Loaders: Napco w/Backhoe; CAT 944 needs work; Bobcat 631, cheap! Needs repair; Case 1845, needs repair.

Miscellaneous: Galion Roll-o-matic asphalt roller; Ford 3 pt. mower model 917; JD 301A w/sickle bar mower; Woods C80 mowers; 15 ton tag-along trailer w/air brakes; 6 ton tag-along trailer. 12 ton tag-along

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1a CONSTRUCTION EQUIPMENT

1981 JD 550 CRAWLER DOZER 6-way blade, pedal steer, ROPS, recently rebuilt transmission, low hours, includes wide track adapter kit with 30" pads. $21,900 (717)442-8674.

1986 JD 450E LGP CRAWLER DOZER, 6-way blade, pedal steer, ROPS, recently rebuilt transmission, in great condition. $31,000. (717)442-8674.

1987 INTERSTATE 10 ton tag-a-long trailer, in good condition, $4,100. (717)442-8674.

8000 lb. Komatsu Forklift. 6 cyl. diesel..13'6" Mast. Side shift. With rubber tires. 6,001 hours. Was monthly serviced. Excellent condition. 717-692-2645.

81 Case 580D Backhoe Loader, heated cab, low hours, excellent condition. $16,500. 717/752-7131

CAT 931B 1982, 2,800 hrs., tract loader, backhoe, 4 into 1 front bucket, excellent condition, $19,500. Hunterdon County, N.J. (201)439-2203.

Case 580B backhoe, ROPS, 24" bucket, very good condition 717-784-0310

FOR SALE: H50C Huff Payloader, diesel engine, 1-3/4 yard bucket. 717-872-9152 Daytime, 717-872-2579 Weekends & Evenings.

Ford 5500 Backhoe in excellent condition. IH T114 for parts, $500. Phone 717-386-5696.

JD 450C C.L., 1¼ -yd. digging, 1¾ -yd. materials bucket, rear PTO, good U.C., 2375-Hrs., excellent condition, $19,500, WANTED JD 355D, C.L.. 215-445-4463.

MACK B61 DUMP TRUCK, recently rebuilt diesel engine, excellent job site truck or make minor repairs to pass inspection, $3,500. Also additional parts truck available for $2,300 or $5,300 takes both. (717)442-8674.

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USED EQUIPMENT

(2) Case 1845 Uniloaders
Case 380B, 1987, Tractor Loader, $13,000
Case 1150B Crawler Loader
Cat 955L Crawler Loader
1987 Case 480E Loader Landscaper w/PTO 1,000 Hrs.
JD 410 Loader Backhoe

Vernon E. Stup Co.
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1a CONSTRUCTION EQUIPMENT

USED CATS

"Low Fair Pricing"

Dozers	**Year**	
D3	1979	PAT Blade, Fair Undercarriage
D3B	1982	PAT Blade, Good Undercarriage
D3BLGP	1983	PAT Blade, Great Dozer
D3B	1984	PAT Blade, Good Undercarriage
D5	1979	Straight Blades w/Tilt
D5B	1981	Canopy, Good U/C, STB w/Tilt
D8K	1977	Cab, Ripper
Backhoes		
2-416	1986	Canopy, 2WD, Standard
Loaders		
951	1980	Cab, Nice Machine
955-13X	1979	Canopy, Good Loader, G.P. Bucket
963-11Z	1984	Great Pricing, Good Condition
977-14X	1979	Canopy, Good Undercarriage, Strong Power Train
Wheel Loader		
926E	1988	Cab, 2.25 Bucket, New Tires Excellent Condition
Miscellaneous		
2- Fiat FD-30 Dozers	1986	86,000 lb. Dozer, 13' Blade, Excellent Condition, $75,000 Or Best Offer
Cat 314 Asphalt Roller	1988	5 Ton, 44" Drum Width, $25,000
Gradall G3WD	1986	Remote, 22' Dip Depth, $62,500
Barber Green 245	1986	Rebuilt, Painted, Like New $75,000
Barber Green 435	1987	279 Honest Hrs., New $89,900

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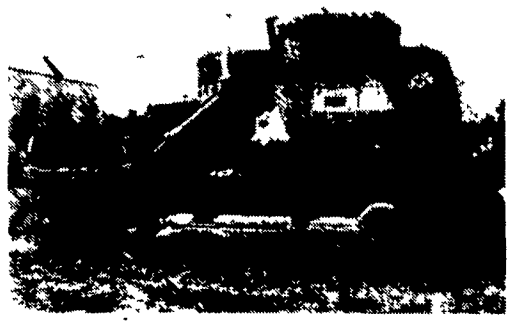
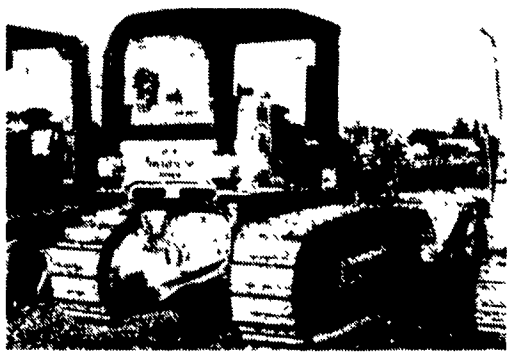
Allis Chalmers "D" Grader, Gas Powered, Hydraulic Leaning Wheels, ROPS
Only $5,900

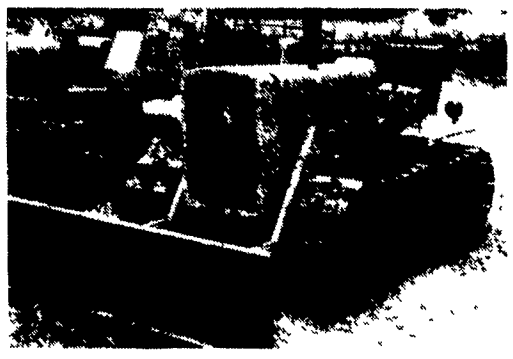


1969 Cat 983 Track Loader, Cab, 6 Counterweights, GP Bucket With Teeth, Runs Out Good.
Only $39,500

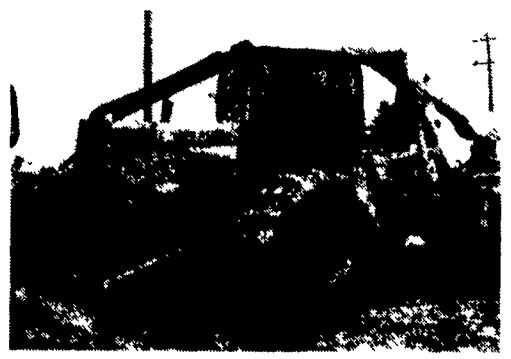
IH 2400 Gas Forklift, 14' Mast, As Received, Not Running, No Time To Play With It.
First $2,900



1973 IH TD15C Dozer, 10' Blade With Tilt Cylinder, ROPS, Very Good Bottom.
Only $22,500



1959 John Deere 440 Dozer, Well Above Average, Very Clean Throughout, Good Collector Or User Machine.
$6,900



1979 JD 640 Grapple Skidder With Winch, Flotation Tires, Power Shift, Needs Engine Work.
Very Reasonable $12,500

(31) DOZERS

(3) JD 440 .....$3500 to $6900
(2) Case 450 .....$4500 to $12,500
IH 500 Diesel 6-Way.....$4900
IH TD9-92.....$4900
JD 430.....$5900
IH 500C-6 Way.....$5900
(2) Cat D6B-Rubber.....$6500
Komatsu D30 Cab.....$8900
JD 350.....$9500
MF 300.....$9500
(2) Cat D4D . $10,500-$16,500
(3) JD 450 .. $10,800-$16,700
Case 350B.....$14,500
Cat D5.....$14,500
(2) Cat D3 6-Way.....$16,500
Case 450B 6 Way LGP 1980.....$19,500
Case 450B-6 Way ROPS.....$19,500
JD 550-6 Way.....$19,500
IH TD15C.....$22,500
JD 750 Ripper....$28,500
Cat D5B.....$29,500
JD 450E.....$32,500
IH TD 25C w/Ripper.....$55,000

(8) TRACTORS WITH LOADERS

Kubota 285.....$4500
Ford 3400-Diesel 3 Pt.-PTO.....$5900
MF 40.....$5900
Kubota 2550-4WD.$6900
Ford 3000 3 Pt. PTO 1700 Hrs..$7400
Ford 335.....$8900
IH 260A.....$9500
Ford 9600.....$10,500

(31) CRAWLER LOADERS

AC HD3.....$5000
IH 500.....$5900
IH 100B.....$6900
(2) JD 450 ..... $9,500-$12,750
IH 250 4 In 1.....$7500
(2) IH 125B.....$7600
Case 350.....$8750
IH 125C.....$9000
(2) JD 350 ....$9500 to $10,500
Case 450.....$10,900
Komatsu D31-Cab.....$12,400
Cat 951C-Cab.....$13,700
(3) Case 1150B .....$14,900 to $19,400
Cat 931-Cab.....$15,800
(4) 450 w/ Hoe.. $13,700-$16,500
Case 450B.....$18,500
IH 175C.....$19,500
JD-555-Cab.....$22,500
JD 455-Cab-Hoe.....$22,500
Cat 955L.....$28,500
Case 455C.....$29,500
Cat 977L-Ripper.....$36,500
Cat 983 w/Cab.....$39,500

(6) SKID STEER LOADERS

Clark 533-Diesel....$4900
Koehring 1350.....$8900
Case 1835B-Gas....$9500
(2) Case 1845.....$9900
Koehring 2150....$11,900

MISC. CONSTRUCTION

(100+) Used Hoe Buckets.. Come Look
(75) Loader Buckets.. Come Look
(75) Set Forklift Forks..... Come Look
Ford 4500 Frost Tooth.....$395
3 Pt. Hitch For Case 580.....$695
JD 640B Log Skidder Blade.....$1000
8 HP Mortar Mixer Like New.....$1150
Danuser Post Driver.....$1450
Ripper.....$1500
Root Rake 7' $1600
(2) Tree Planters $1800
4-6 Ton Roller.....$1900
(7) Winch Attach ... $1000-$3750
1 Ton Overhead Crane $2500
Sheepsfoot Roller $3900
Schramm 160 Air Comp. $3900
Snowblower For Big Loader.....$3900
(2) Huber Maintainer .....$2900 to $5900
(4) Sweepers .....$495 to $3900
2 Ton Overhead Crane $4500
(2) Tree Shearer . $2900-$4900
Sheepsfoot Roller .$4900
AC D Grader $5900
Cat 977L Ripper....$7500
Construction Ramp.....$8500
Wayne Stump Grinder.....$6900
Petibone 5 Ton Yard Crane.....$6900
Vermeer Tree Spade 44" On 4x4 Truck.....$8900
JD 760 Scraper..$16,300

(8) LOG SKIDDERS

JD 440.....$4900
Pettibone PT 18....$5900
IH S7B.....$5900
Tree Farmer C5D..$6900
JD 440A.....$8900
JD 640.....$12,500
JD 640 w/Grapple.....$12,500
JD 440C.....$18,500

(10) RUBBER TIRED LOADERS

IH 500.....$4900
Hough 50C-Cab.....$8500
Waldon w/Hoe.....$9,900
Cat 922B-Cab-Diesel-Hoe.....$10,500
Clark 75B-Cab....$18,500
(2) Ford A62.....$19,500
Ford-A66.....$19,500
JD 544B 1980-Cab-New Tires.....$26,500
JD 644B-ROPS ...$34,500

(12) TRUCKS

1953 Chevy Pickup.....$2300
1969 Ford Dump...$3900
1971 IH 1X Dump.$3900
1969 IH 2X Grain Dump.....$3900
1954 Chevy Pickup.....$3900
1955 Chevy Pickup.....$3900
1980 Chevy C30....$3900
1974 Ford Rollback.....$5900
1960 Chevy Pickup.....$6500
1982 IH Eagle Tractor.....$11,800
1985 Ford E350 Mini Bus.....$13,500
1970 GMC Astro w/24' Rollback.....$16.500

NEW 1989 TRAILERS ON SPECIAL

- 2 Axle, 5 Ton, 14 Ft. $1,750
- 2 Axle 5 Ton, 16 Ft. $1,850

(20) TRAILERS

1X Tag-A-Long $1250
1989 2 Axle 5 Ton..... $1750-$1850
Hudson 6 Ton Tag-A-Long.....$1900
1972 Fruehauf 43' Flat $3900
1986 9 Ton Gooseneck.....$4900
25 Ton Lowboy.....$5900
(2) 35 Ton Lowboy .....$5900 to $6900
1989 10-Ton Tag-A-Long $6250
1989 12 Ton Elec. $7700
1985 Delta 48' $13,900

(12) FORKLIFTS

Baker 2000 Lb. LP.....$1900
IH 2400.....$2900
White 4000 lb.....$4900
IH 5421-21'.....$5900
Baker 4000 Lb.....$6900
White 40 LP.....$6900
AC I-600-21'.....$11,900
Case 584C-21' $11,900
Clark 8000 lb. Gas.....$13,500
Komatsu FG40 1980 8000 Lb. & Triple Mast....$16,500
Case 586C.....$19,500
Sellick Teleporter-1984 247T. 4WD. Forks & Bucket.....$22,500

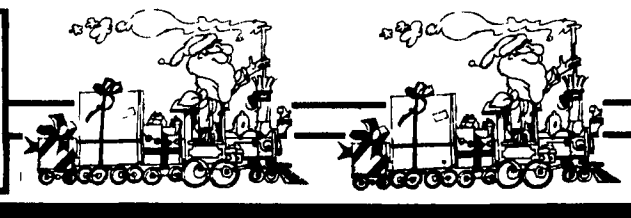
NEW EQUIPMENT

Boom Poles.....$125
King Kutter Scraper Blades 6', 7' And 8' ..... $225-$995
Seeders- Broadcasters- 3 Pt. $350
King Kutter Stone Rakes 4', 5', 6', 7' & 8' ..... $395-$595
King Kutter Post Hole Diggers 6", 9" And 12" Augers.....$495
King Kutter Discs 5½ ' And 6½ '- 3 Pt. ..... $495-$550
King Kutter Grading Boxes 4', 5½ ', 6', 7' & 8'. $495-$595
King Kutter Rotary Mowers 4', 5' And 6' 3 Pt. And Pull Type.. $495-$895
Aerator 5'- 3 Pt.....$695
King Kutter Finish Mowers 4', 5', 6' & 7'- 3 Pt. ..... $995-$1295
Long Rototillers 55", 63", & 71"..... $1495-$1995

(30) BACKHOES

(9) Rigid Hoe Attachments .....$2500 & Up
(6) 3 Pt. Hoe Attachments .....$3400 & Up
Ford 600.....$3900
Case 530CK.....$3900
Ford 335.....$4900
Case 530CK.....$5900
IH 3444.....$5900
IH 3414 Diesel.....$6900
(2) Ford 4500 .....$4900 to $7500
Ford 3400 Gas.....$7900
IH 2504-Gas.....$7900
IH 2400 Gas 3 Pt. Hoe.....$9,500
Ford 420.....$10,500
Case 480B.....$10,750
Case 580B.....$11,500
JD 310A.....$12,500
Dynahoe Series 3 190 .....$12,500
JD 510.....$13,500
Case 580C w/Cab.....$13,500
(2) JD 410-Cab...$13,500
JD 410.....$14,500
JD 310A.....$14,500
Ford 555.....$15,500
JD 25 Mini Excavator $15,500
Case 580D-Extend.....$18,750
JD 410-4WD-1984-Cab.....$20,500
JD 310B 1986 ROPS.....$21,500
JD 410B-Cab.....$24,500
Case 480E.....$24,500
Case 580E-Super-4WD ROPS.....$27,500

HUNDREDS OF
CRAWLERS & BACKHOES
FOR SALVAGE



Holiday Greetings
From All Of Us

EXCELLENT SELECTION OF AFFORDABLE USED EQUIPMENT

2 FARM EQUIPMENT WANTED

1972 3500 Ford loader/backhoe tractor for parts. Need complete rear assembly. (717)862-3356.

AC Model 330 black cornhead in good condition. 717-898-1630.

WANTED: pull type wet lime spreader. (301)343-0816 (301)692-2055.

WANTED: Rotovator, 60" wide. Berks. 215-944-8371

Wanted high clearance sweet corn sprayer in good condition. 717-354-9579.

Wanted to Buy: Ford Tractor, 55-75HP, flat deck, Must have factory cab. Dual power. Dual remotes. Reasonable condition & price. Northumberland Co. 717/758-9186

3 SILOS AND UNLOADERS

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New Concrete Stave Silos
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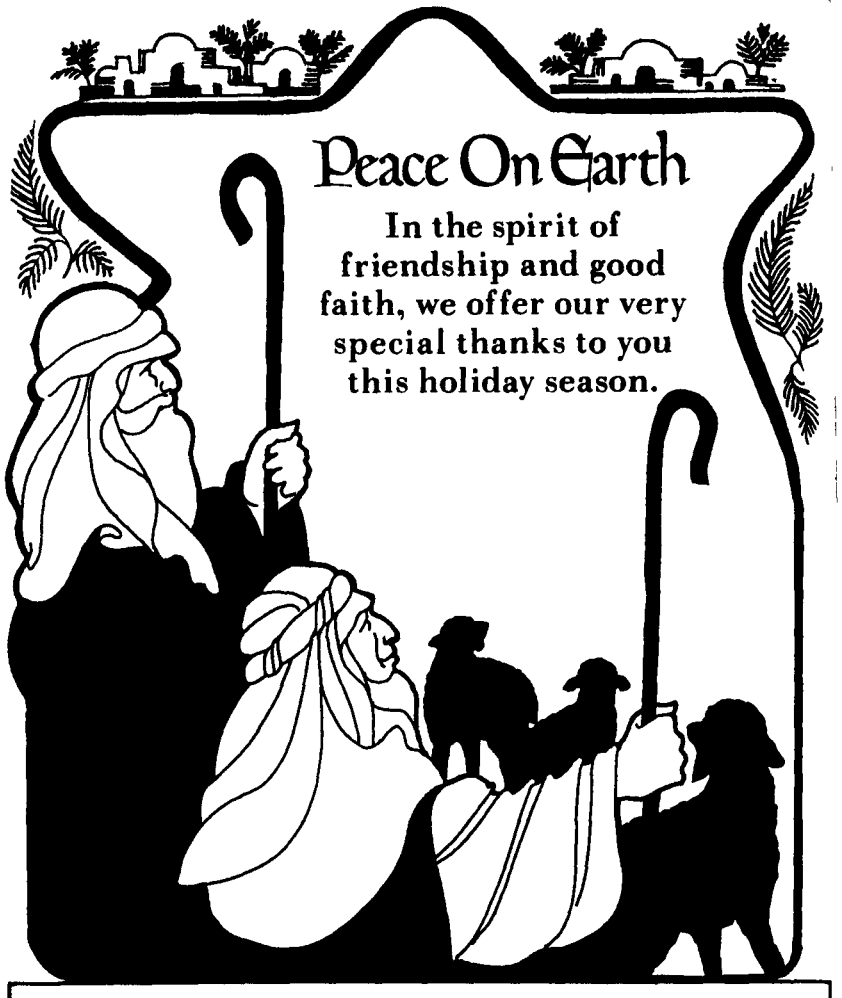
100ft. Harvestore belt feeder, 12in. 4 lot controls $2,500.; Goliath Unloader FiveHorse for 20ft. recently overhauled; two Patz Barn Cleaners four corners wheels, 207ft. per cleaner, right hand cleaners low flight paddles. One used one year, other used two years. 215/754-7551

16x60 Terre Hill silo, used only for H.M. corn, excellent shape and attractive looking. Also 20x70 Fickes silo. (717)786-2103.



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RD #1, Willow Street, PA
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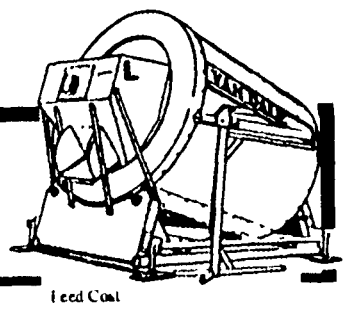
RISING FEED COSTS?

VAN DALE Has The Answer!

the Orbit Mixer



Typical Savings for 60 Cow Herd.

Feed Cost
20 cents per cow per day
60 cows x 365 x 20 = $4,380

Milk Production –
4 lbs extra per cow per day
60 cows x 300 x 4# x 10 = $7,200

Thousands of dairy farmers just like you have changed to a total mixed ration program for their dairy herds- and they're glad they did. By working with a qualified nutritionist to determine the most economical ration for their herds, and by using a VAN DALE Orbit Mixer *designed to blend the exact ration* every time, these dairy farmers are reporting significant profit improvements through lower feed costs and/or higher milk production

Bottom Line Savings
60 cows per year = $11,580

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Lancaster Silo Co., Inc.
2008 Horseshoe Rd. • Lancaster, PA • (717) 299-3721

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716 KNIGHT SLINGER SPREADER
NEW - ONLY $9,600

- 20'x60' Used Lancaster Silo
- 40 Ft. Jamesway Shuttle Feeder
- 125 HP VM Diesel Engine - $1,000
- 18 HP 2 Cyl. Lister Starter & Alt. Rebuilt - $1,200
- Used 56" Blower, $1200, Good
- Used Chuck Wagon, 3 Beater $1,200
- Agitator Filler/Basin Pump Demo $5,900
- 14' Patz Unloader, late model, very good shape

Farm Gates 4', 8', 10', 12', 14', 16' In Stock

VAN DALE

Before you spend to repair that old unloader, check our low price on new unloaders. We take trades!

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2000 SERIES MIXER/BLENDER/FEEDER

A NEW CONCEPT

You can finally mix and feed all of your ration ingredients including long stem dry hay and other tough roughages that previously could not be included in your mixed ration. Standard square bales, stacked hay and processed round bales can be added directly to the load. Veterinarians agree that longer dry hay in the ration helps activate the rumen for improved digestion. Better milk production, better weight gains, and vastly improved animal health are just some of the positive results. Now you can control the percentage of dry hay in your ration and know that each animal will get its share. Available in stationary or portable models.

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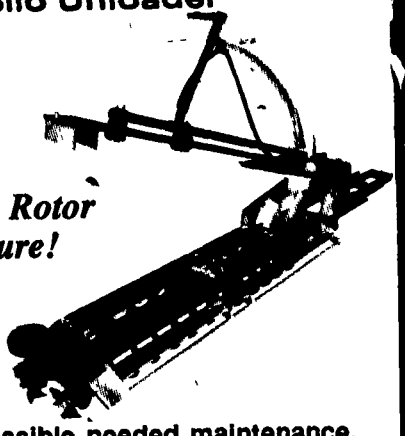
Silo-Matic® GEMINI II Silo Unloader

- 26 Inch Stainless Steel Rotor Housing With 4 Stainless Steel Parts

The Unloader With the Rotor Housing Of The Future!



- NOTICE - ALL SILO OWNERS

Check your silo now for possible needed maintenance. If you have been using your silo for 10 years or longer for corn or haylage, it might be time to GUNITE. Please call for an inspection and estimate.

Silo-Matic T.M.R.

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TUMBLE MIX ROTATION

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- Long-Lasting Stainless Steel Barrel
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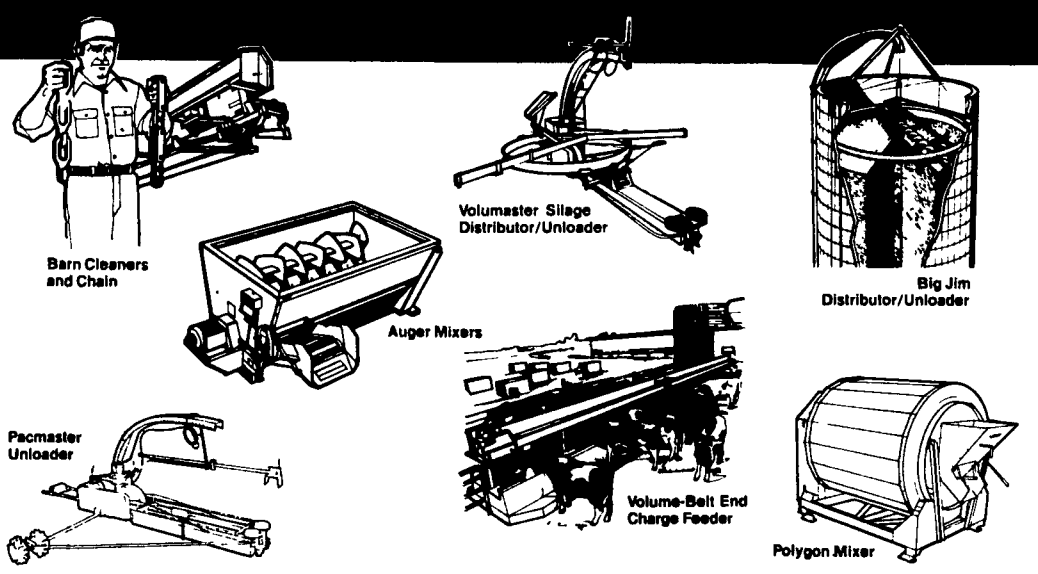

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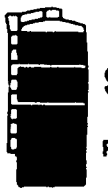

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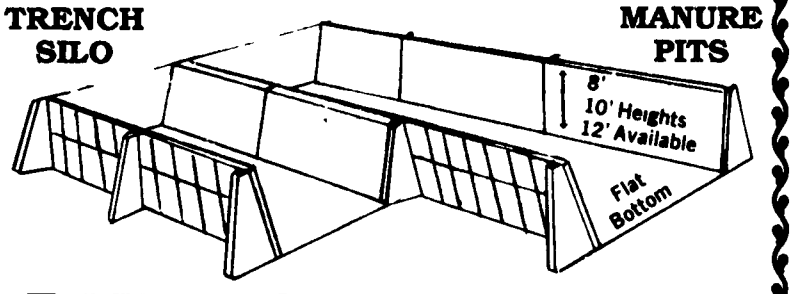

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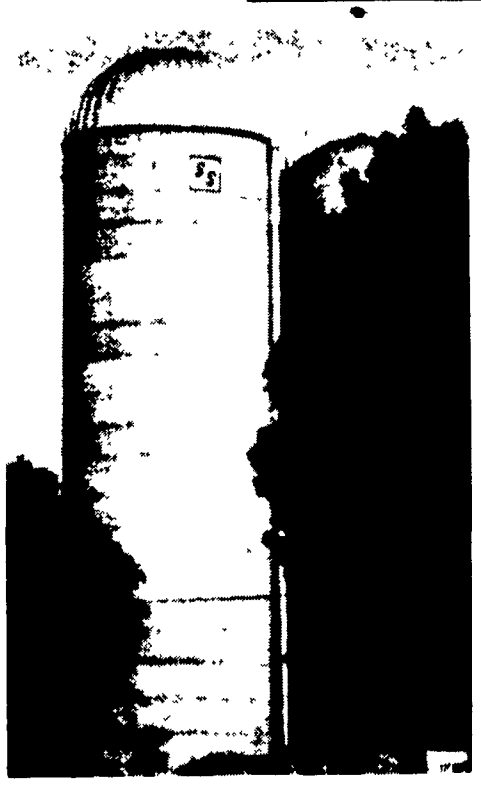

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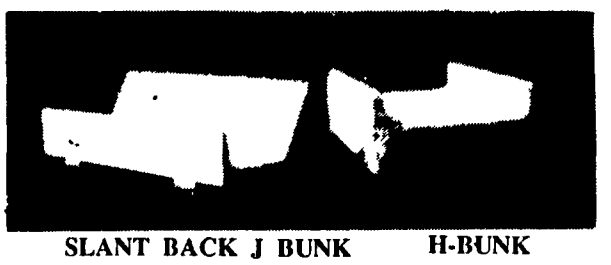

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Let Us Know Your Needs. We Can Deliver From Our Large Inventory And Set On Your Prepared Site. OR: We Can Load On Your Truck To Help Save On Freight Costs. We Have Several Sizes And Styles To Choose From, Plus Metal Posts, For Cable, Which Can Be Bolted To The Bunk To Keep Cattle Out.

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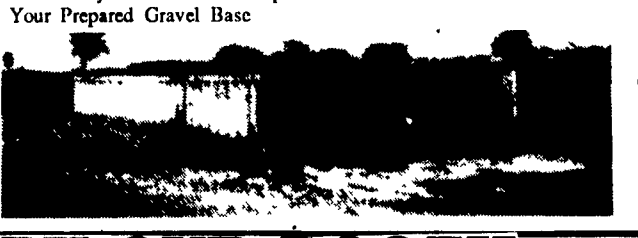

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Snow covered rooftops and wreaths of holly on the door ...may all things that bring Christmas smiles to mind be yours this holiday time.

Best Wishes From All Of Us To All Of You!

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IT'S LIKE
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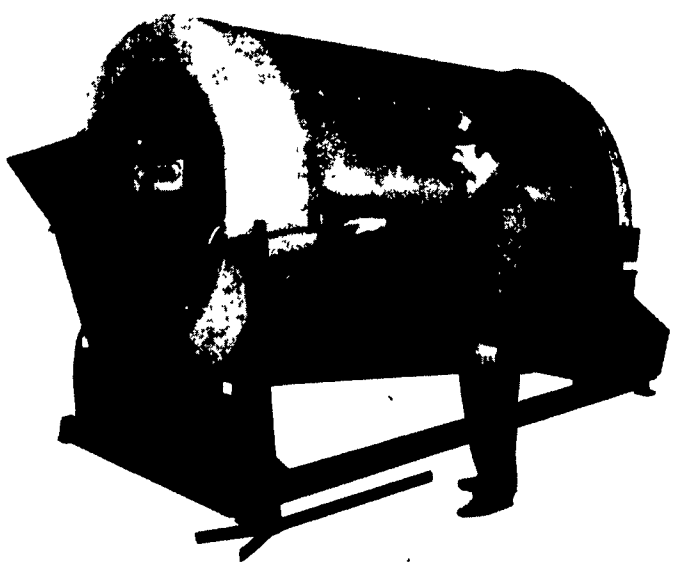
WHEN YOU MAKE MORE MILK WITH A

FARMASTER NEW HOLLAND, PA

T.M.R. MIXER



50 Cows @ 2 Lbs. Gain Per Day = 100 Lbs. a day	50 Cows @ 4 Lbs. Gain Per Day = 200 Lbs. a day	50 Cows @ 8 Lbs. Gain Per Day = 400 Lbs. a day
$14.00 Per 100# Milk	$14.00 Per 100# Milk	$14.00 Per 100# Milk
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x 365 Days	x 365 Days	x 365 Days
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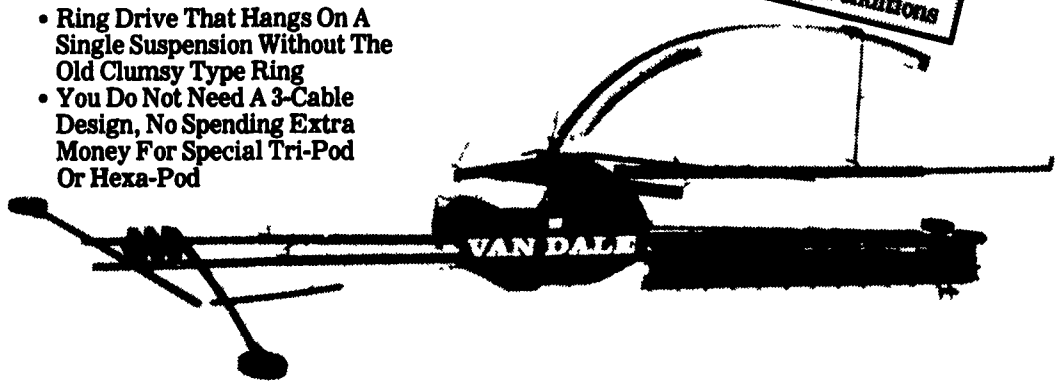

The CD 3000 Performance Is Extraordinary

- Positive drive in loose and frozen material
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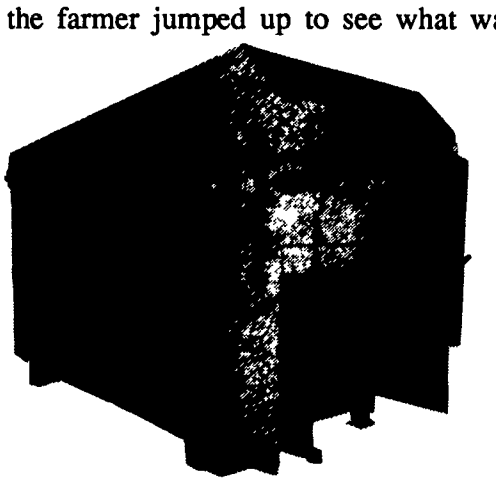
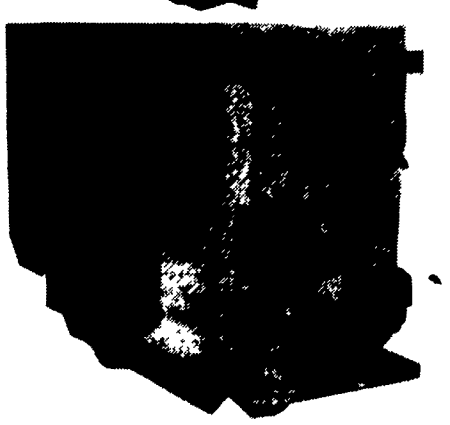
K&S Inc. 1302 Lancaster Pike, Quarryville, PA 17566
717-284-3111

'Twas the week before Christmas...

'Twas the week before Christmas when all through the barn, production was down, there was cause for alarm. The Animal Health Supply Shelf was so nearly bare, all hoping Merle Rissler would soon make it there. The cows were all nestled down, snug in their beds-while visions of a TMR danced in their heads. The farmer in his robe and worn-out slippers had just settled down to watch the 76'ers. When out in the barn there arose such a clatter, the farmer jumped up to see what was the matter. Away to the front door he made in great haste, tripped over his beagle and fell flat on his face. The moon on the breast of the new fallen snow showed a yellow Chevy pickup with a trailer in tow. When what to his wondering eyes should behold a **RISSLER TMR MIXER** - Big, Blue and Bold. With a big old driver who was not overly quick, he knew right away it wasn't St. Nick. His pickup it rattled and some dents-had a few, the trailer worked fine but needed a tail-light or two. The Mixer was backed up to the feedroom with care and placed in the spot prepared for it there. He spoke to the farmer about setting it up, said we'll be here in the morning right after sun-up. And I can still hear him say as he drove out the lane, There'll be another satisfied Rissler owner or Sylvan Ressler ain't my name.





(With apologies to Clement Moore)

Wives...Lôôking For Something For Your Husband For Christmas? How About A Rissler TMR HYDROSTATIC DRIVE FEED CART!

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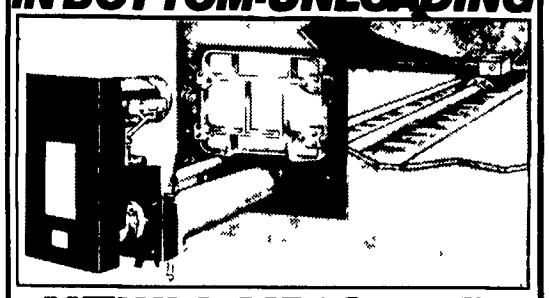

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35 Years

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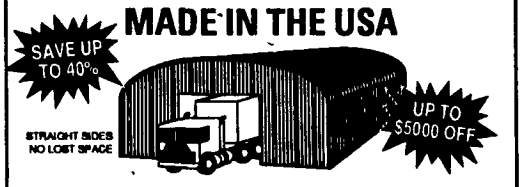

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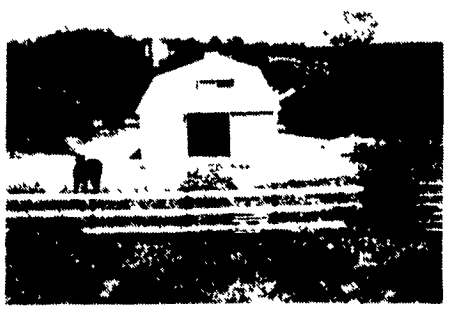

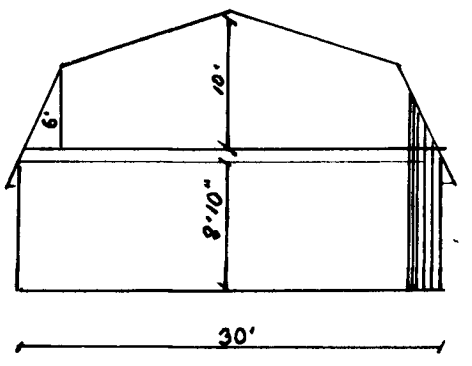

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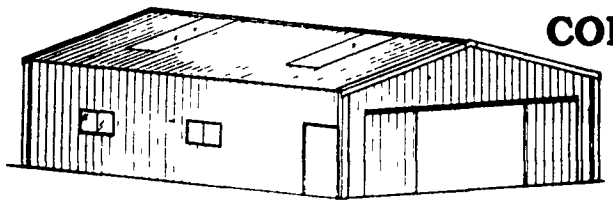

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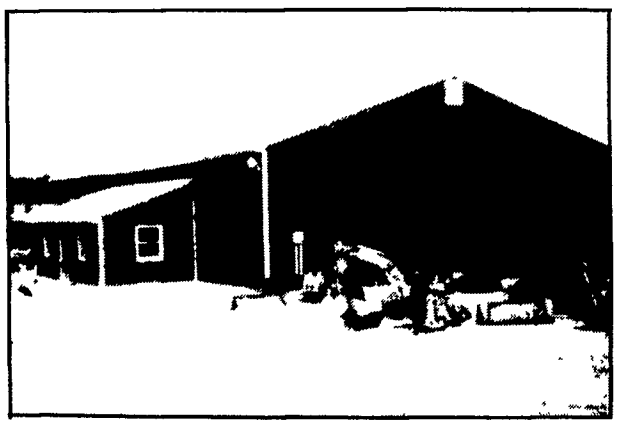

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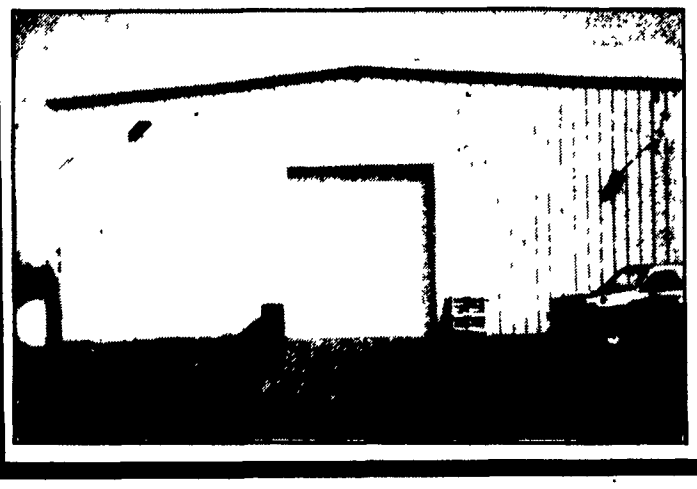

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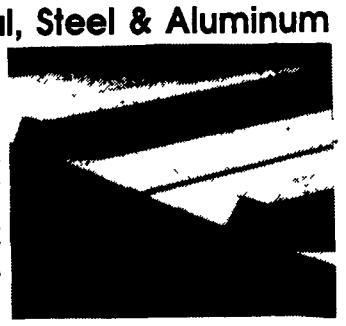

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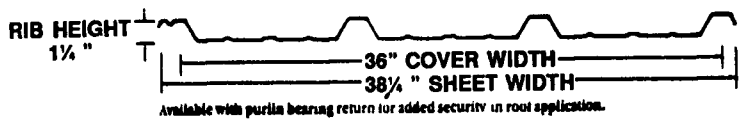

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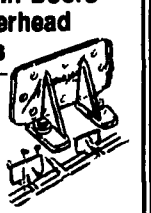

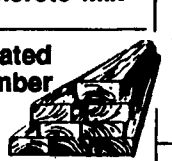

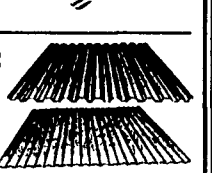

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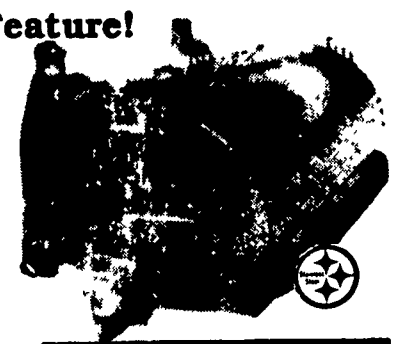

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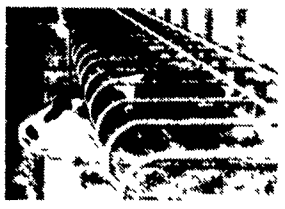

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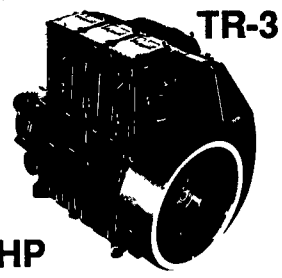

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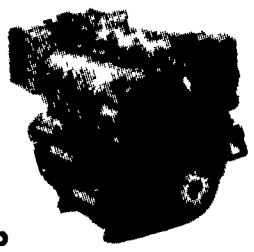

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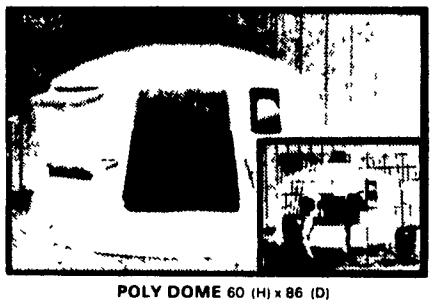

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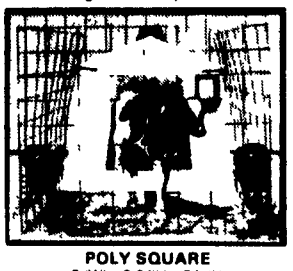

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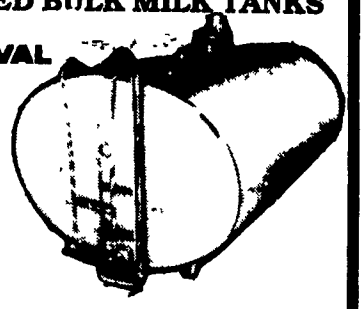

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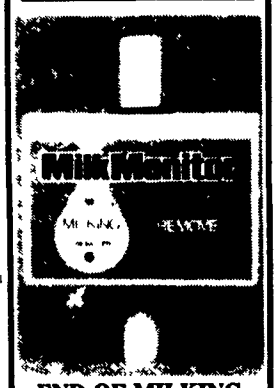

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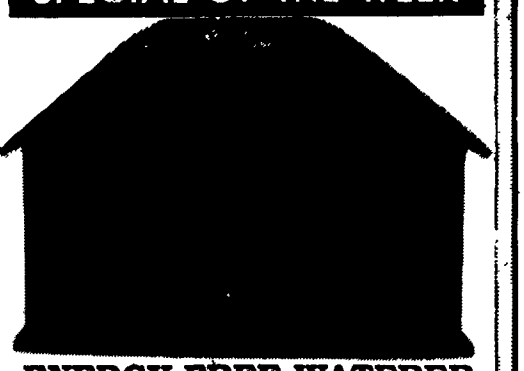

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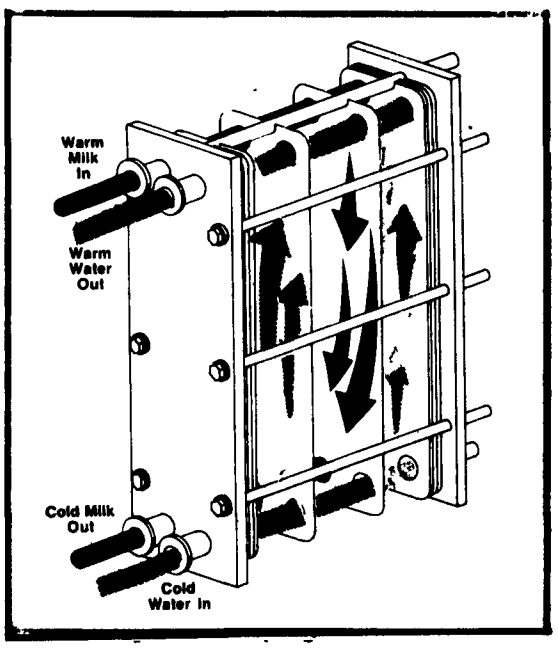

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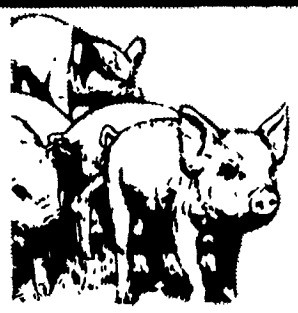

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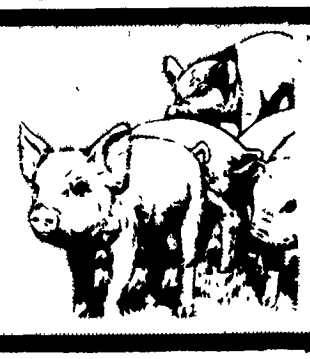

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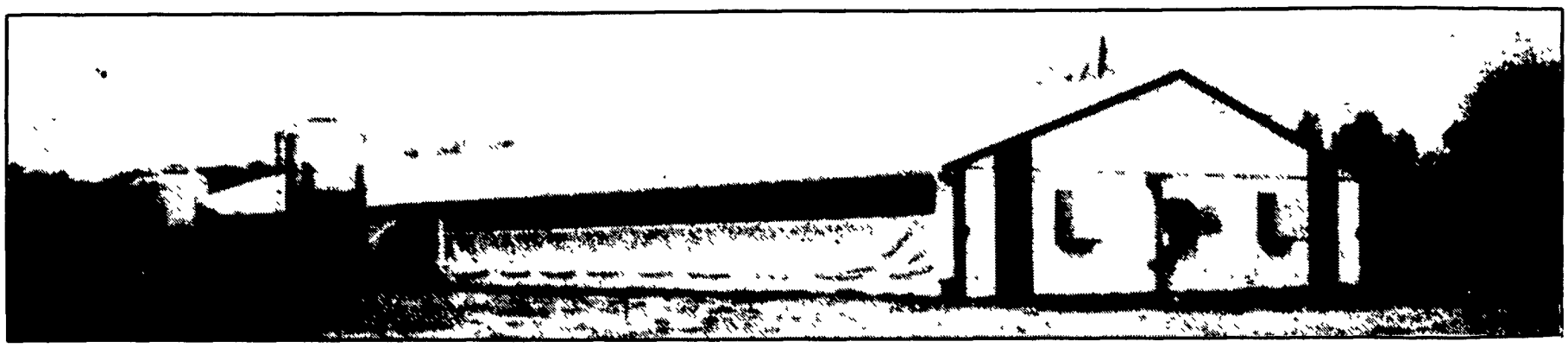

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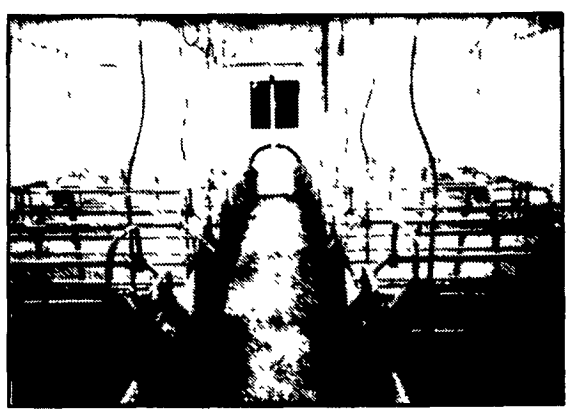

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Tioga County 4-H'er Placed Second At NAILE

LOUISVILLE, KY — Tioga County 4-H'er, 9-year-old Matthew Nickeson exhibited his Hampshire ewe lamb at the North American International Livestock Exposition on November 11, where he placed second in the Junior Show. Matthew's ewe lamb was also junior champion in October at the Keystone International Livestock Exposition in Harrisburg, where he had first- and third-place ewe lambs in both the open and junior shows and second place in the junior show with his hampshire yearling ewe. He also exhibited the champion hampshire sale ewe, which rounded out an exceptional day, for this first-year member of 4-H. Matthew is the son of Tom and Donna Nickeson of Wellsboro. He is a member of the Grand Canyon Livestock Club. He plans on showing his flock at the upcoming Pennsylvania Farm show in January, 1990.

Matthew Nickeson of Tioga County showed his Hampshire ewe lamb at the North American International Livestock Exposition in Louisville, Ky.. The lamb, junior champion at the Keystone International Livestock Exposition, placed second in the junior show at NAILE.

Rabbit Disease Alert Issued By PDA

ALLENTOWN (Lehigh Co.) — Rabbit growers need to be award of a relatively new and highly fatal rabbit disease that could result in high losses should the disease gain entrance into the U.S. This disease, called Viral Hemorrhagic Disease or Necrotic Hepatitis, has been observed in various countries of the world, including China and Mexico. Although the original outbreak in Mexico was controlled by destroying all affected and exposed rabbits, the disease has reoccurred just 100 miles from the Texas border.

The signs (symptoms) and necropsy (autopsy) findings in Viral Hemorrhagic Disease are often not specific enough for even an experienced animal diagnostician to make a diagnosis. Commonly, rabbits will be found dead without prior signs of illness (acute death). Sometimes a reddish froth will come from the nose or mouth. In Mexican outbreaks, between 30 percent and 80 percent of the rabbits became sick, and most of the sick rabbits died. When examined at necropsy, the liver may be abnormally pale and discolored, the spleen enlarged, the lungs dark and wet, and some fluid may be present in the lung cavity. Although called Hemorrhagic Disease, visible hemorrhages have not been a constant finding. Because necropsy findings are not specific, diagnosis depends on laboratory tests. When examined microscopically, various organs, including the liver and heart show microscopic changes. The microscopic changes in the liver have caused the disease to more recently be named "Necrotic Hepatitis" — which means death of liver tissue.

Rabbit Viral Hemorrhagic Disease needs to be considered in any rabbitry in which a large number of semi-mature to mature rabbits are sick or die and for which the cause is uncertain.

There has been concern that this virus might get into the cottontail rabbit population. To date, experimental studies have suggested that cottontails will not become sick from the virus. Nonetheless, it has been shown that exposed cottontails may harbor the virus infection and through virus on the feces, pass the infection to domestic rabbits with which they come in contact. The virus is not infectious for people, so sick rabbits present no hazard to handlers.

To prevent possible entry and spread of Viral Hemorrhagic Disease, rabbit owners should take the following precautions:

1. If unusually high mortality occurs in semi-mature or mature rabbits and the cause is uncertain, every attempt should be made to get a laboratory diagnosis. Laboratories in Pennsylvania to which rabbits could be submitted include Pennsylvania Department of Agriculture Lab at Summerdale (Harrisburg), 717/787-8808; Penn State Animal Diagnostic Lab, 814/863-0837; and University of Pennsylvania, School of Veterinary Medicine, 215/898-4523.

2. Because the only effective control measure at present is prevention, rabbit owners need to practice good BIOSECURITY. Practicing biosecurity means taking every practical precaution to prevent exposure of rabbits to this highly fatal virus. These same biosecurity practices are also important in reducing the potential for exposure to other diseases. Suggested biosecurity practices include — a) Isolate all purchased rabbits and returning show animals for 1 to 2 weeks before putting them with the other rabbits. b) Wash and change clothes and disinfect shoes or boots before working with your rabbits when coming from any location where other rabbits or rabbit products are kept or sold. c) Keep dealers, salesmen and other visitors away from your rabbits. If they must enter your rabbitry, they should wear clean clothes, coveralls and plastic boots. d) Thoroughly clean and disinfect any cages and equipment before being brought into the rabbitry. e) Avoid direct or indirect contact with rabbit products (meat, furs, etc.) imported from other countries. Although most owners would have no occasion for such contact, these materials can be potential sources of infection when coming from countries experiencing this disease such as China and Mexico.

For additional information on this disease, contact your diagnostic laboratory: Penn State Cooperative Extension, 814/863-0837; the Pa. Department of Agriculture, 717/783-5301; or the U.S. Department of Agriculture, 717/728-3443.

USDA Announces Changes In Livestock Feed Programs

WASHINGTON, D.C. — Under Secretary of Agriculture Richard T. Crowder today announced changes in the U.S. Department of Agriculture's Commodity Credit Corp. livestock feed programs, which give livestock producers in disaster-affected areas more flexibility in receiving assistance for past and future feed purchases necessitated by the 1989 drought.

Effective immediately, livestock producers will have the choice of one of two options for computing eligibility and assistance.

Under the first option, producers may continue to receive assistance in accordance with procedures that have been in effect. These include:

— a maximum daily allowance of 10 pounds feed grain equivalent per animal unit per day;

— proceeds from insurance on crops will be considered in determining the amount of feed available for a producer's livestock and feed production loss;

— pasture and roughage will be counted as feed available if the producer has any livestock for which that type of feed is suitable;

— CCC will pay up to 50 percent of the cost of purchased feed, including hay, not to exceed 5 cents a pound to cover feed needs or feed loss, whichever is greater.

Under the second option, the following applies:

— the maximum daily allowance will be 12.5 pounds feed grain equivalent per animal unit per day;

— proceeds from insurance on crops shall not be considered in determining the amount of feed available for a producer's livestock or feed production loss;

— pasture and roughage shall not be considered as feed available for livestock, such as swine, if the producer elects to include as eligible livestock only livestock that do not normally graze or use roughage

Pork Prose

by
Kenneth B. Kephart

Penn State Extension Swine Specialist

Mastitis
Metritis Agalactia

There isn't a pork producer around that hasn't seen a litter of pigs dry up from lack of milk. It the syndrome we call MMA. The initials MMA stand for "Mastitis," inflammation of the mammary gland, "Metritis," inflammation of the uterus, and "Agalactia," absence of milk.

The name is misleading, since all milking problems are lumped under the category of MMA. Metritis occurs in only one case out of 10. And a reduction in milk supply is more common than a complete lack of milk.

Signs of MMA

•Fever. Normal body temperature for swine is 102 degrees Fahrenheit. Sows affected by this disease often will have temperatures of 104 degrees or higher; 107 degrees is not unusual.

•Depression. Sows appear listless and usually show little interest in feed or water.

•Reduction or total loss of milk supply.

•Hardness in the udder. The mammary glands are normally soft when palpated. Hard glands indicate a potential problem. If one or more glands appear red and hot, the sow's in trouble.

•Weak pigs. Because of the poor milk supply, pigs become dehydrated, show a rough hair coat, may get diarrhea and often crave water or fluids.

Accurate diagnosis is tougher when sows have partially functional glands and only a marginal loss in milk production.

A white uterine discharge is not necessarily a sign of mastitis or metritis. Sixty percent of all sows have a uterine discharge after farrowing. Don't be concerned unless the discharge is brown and has a foul odor.

Causes of MMA

Bacterial infection caused by E. coli and Klebsiella pneumoniae seems to be a common factor in cases of MMA. Why the infection starts in the first place is controversial. But anything that leads to udder congestion will predispose a sow to an infection.

Sows fight the infection through a normal immune response. Once immunity gets up to speed, bacteria die by the thousands. As they die they release an endotoxin. Studies at Penn State show that the endotoxin will very quickly cause fever and depression. It also rapidly activates white blood cells to a disease-fighting state and can interrupt blood circulation in the udder.

The most dramatic effect of this endotoxin is blockage of prolactin secretion. Sows can't produce milk without prolactin. Research shows that when sows quit secreting prolactin, pigs stop gaining weight within four hours.

The endotoxin can be produced in the mammary gland, the uterus or the urinary tract. It also may be produced in the gut when sows become constipated, but we need more research to clarify this.

Treatment of MMA

•Keep the sow nursing. If you can get this accomplished, you'll do a lot to relieve udder congestion. But since the udder is usually sore from inflammation, sows often lie belly-down instead of nursing. And the problem gets worse instead of better.

•Use antibiotics with discretion. Injectable and feed grade antibiotics are used routinely in some herds before or at farrowing to help reduce the severity of MMA. They don't work as well as we'd like for two reasons. First, E. coli and K. pneumoniae are gram negative organisms and therefore don't respond to many antibiotics. Second, once the symptoms appear, the endotoxin rather than the bacterial infection may be causing the problem.

Some producers have had good success by making three injections of erythromycin (Gallamycin) per sow. That's equivalent to 5 cc of Gallamycin-200 when the sows come in the farrowing house, a second shot on the day of farrowing and the third on the day after farrowing.

•Consider using oxytocin to improve milk flow. Anti-inflammatory agents such as dexamethasone and antipyretics such as aspirin derivatives are sometimes used to reduce fever and help the sow feel more comfortable, but most of these are not approved for use in pigs.

•Consult your veterinarian before initiating any drug program.

Prevention of MMA

•Sanitation. Clean the sow and the farrowing stall. Bacteria seem to enter the mammary gland through the teat canals. Keeping the udder clean will help prevent that entry.

•Room Temperature. MMA occurs most often during the hottest and coldest times of the year. In the summer, drip coolers are a good investment. In the winter, keep the farrowing house temperature under 75 degrees Fahrenheit. The best temperature for sow comfort is 60 to 65 degrees. Get as close to 60 degrees as you can without making your building damp and drafty.

•Body Temperature. Check temperatures on the sow morning and evening twice a day beginning on the day of farrowing. If the temperature goes over 103.5, it's a good clue that things aren't right. More importantly, it may mean that milk production is about to drop suddenly. This will give you some lead time for treatment before the pigs start showing signs of starvation. If you wait until the baby pigs suffer, it's often to late.

•Nutrition. Don't let your sows get fat. Fat sows not only get MMA more often; they also have more stillbirths.

•Provide a good ration. We still don't completely understand the link between diet and MMA. But deficiencies in protein, vitamin E or selenium, and severe electrolyte imbalances contribute to problem. Do those special "premixes" that often are advertised do anything to prevent MMA? They might, but we haven't seen any hard evidence to prove it.

•Constipation. Don't allow the sow to become constipated near farrowing time. Constipation may not cause MMA but it sure seems to be associated with it. Some sci-

(Turn to Page D3)

American Sheep Industry Confirms Horizons Convention Speakers

DENVER, CO — Daniel Burrus, nationally recognized science forecaster, will keynote the American Sheep Industry Horizons 1990 Convention and Trade Show, January 14 - 17 in Phoenix, Ariz.

Founder and president of Burrus Research Associates Inc., Burrus specializes in scientific and technological advances, their creative application and their potential to have an impact on the future. In his keynote address he will examine technology and its impact on agriculture, challenging sheep producers nationwide to utilize scientific advances to gain a competitive edge in the world marketplace.

In addition to the keynote address, the American Sheep Industry has planned three educational/information seminars with nationally known speakers.

A panel of packers, researchers and retailers will discuss "Value-Based Lamb Marketing: The Case for Certification" on Tuesday, January 16. Professor L. Berkowitz, Florida International University; Gary Walters, Kroger Co.; Dr. Russell Cross, Texas A&M; and Phil Cohn, Superior Packing Co., will lead a forum discussion on certified lamb and field questions from conventioneers.

Two panels will deliberate "Wool Quality: Are We 'Skirting' The Issue?" Panel members, representing buyers and warehousemen, include Larry Easter, Burlington Industries; Gary Babb, Utah Wool Marketing; Fred Campbell, American Wool & Mohair Association; Mark Goehring, North Central Wool Marketing; Jw Nuckolls, Center of the Nation Wool Marketing; and moderator Chris Lupton, Texas A&M. The group also will discuss the American Wool Council's quality improvement program for the 1990 wool clip.

"Horizons In Sheep Production: Ram Behavior And Its Impact on Breeding Performances" will be the Wednesday, Jan. 17, information session. Dr. Ann Perkins will give a multi-media presentation on research conducted at the U.S. Sheep Experiment Station in Dubois, Idaho. Following her presentation, a panel of veterinarians from across the nation will review sheep health concerns and solutions; and, producers can "ask the vet" about their specific sheep health problems.

Pork Prose

(Continued from Page D2)

entists think that while a sow is constipated, endotoxins produced in the gut will be absorbed and cause milking problems.

•Genetics. Sows that have MMA at one farrowing won't necessarily have problems with the next litter. But evidence suggests that certain lines of sows have white blood cells that don't fight infection effectively.

Summary

MMA is a problem that many sows get resulting in a loss of milk production and a severe death loss to the nursing pigs. To prevent the problem, don't over-feed the sows and keep the farrowing house temperature below 75 degrees if possible (consider drip coolers for summer). Treating the problem with erythromycin has shown good success for some producers.

Season's Greetings

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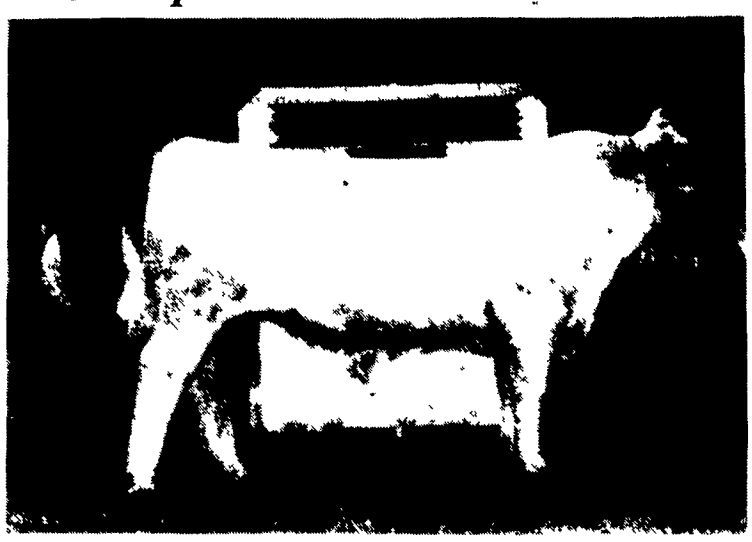
Champion Charolais At NAILE



The grand champion Charolais bull at the North American International Livestock Exposition in November was Diamond M Juice 790W, an ABC Iceman 811 son. Juice, also the senior champion, is owned by Granada Charolais of Cloverdale, Ind.; Silver Creek Farms; and Diamond "M" Farms in Estevan, Saskatchewan, Canada.

Pembina Miss Heriess 15X, a January 1988 daughter of Pembina Ultravox 3U, was the grand and senior champion of the NAILE Charolais show. Her owners are Granada Charolais of Cloverdale, Ind., and Erdmann Ranch of Wetonka, S.D.

Lancaster County Tobacco Management Meeting, Show Set

LANCASTER (Lancaster Co.) - A tobacco management meeting and show will be held on Wednesday, January 3, 1990 at the Lancaster County Farm and Home Center from 11 a.m. to 3:15 p.m. The meeting is sponsored by Penn State Extension and will be held in the basement meeting room. Interested tobacco growers are invited to attend the educational meeting and participate in the show.

A variety of interesting topics related to tobacco management will be discussed to assist tobacco growers produce a quality crop. Starting at 11:15 a.m., John Yocum from the Penn State Research Farm will be discussing weed control in tobacco. At 1 p.m. Dr. Arvydas Grybauskas from the University of Maryland will be discussing tobacco diseases and how to control them. Following Dr. Grybauskas, the tobacco outlook, Pa., national, and world will be discussed by Verner Grise, U.S.D.A. Economic Research Service. Dr. Grise traces tobacco markets throughout the world along with monitoring the planting and harvesting of the world's tobacco crops. Claude McKee, University of Maryland, tobacco specialist, will be discussing the tobacco industry in Maryland. Claude and John Yocum have had several joint research projects and will have some interesting data to share with growers.

The program will qualify for several pesticide update training credits.

In addition to the tobacco management meeting, the Lancaster County Tobacco Show will be held at the same time. The tobacco show has both open classes and FFA classes for Pennsylvania Type 41 and Pennsylvania Smoking Type Tobacco (Normally referred to as Maryland Tobacco by local growers). Anyone who would like to enter an exhibit in the show should contact Bob Anderson, Lancaster County Extension Office for more details.

Lunch will be on your own at one of the local restaurants from approximately 12 to 1 p.m. or you can bring a lunch along.

At the present time, the downstairs meeting room of the Farm and Home Center is accessible only by stairs. If you use a wheelchair or crutches or are unable to use stairs and you want to attend a meeting scheduled for this room, please contact Robert J. Anderson at 395-6851 at least five working days prior to the scheduled program to arrange for an alternative meeting site.

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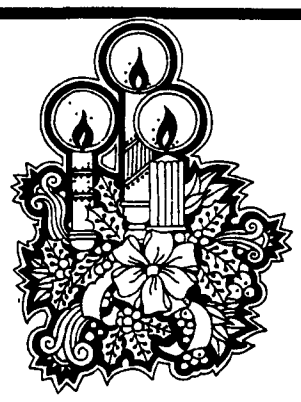

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Chester/Delaware Farmers' Group To Meet Membership Goal

WEST CHESTER (Chester Co.)— "We will reach our 1990 goal of 673 farm-family members in the Chester/Delaware Farmer's Association," Charles Wollaston, Toughkenamon, membership chairman, assured workers at their kick-off meeting this week at the Thorndale Inn. Roy Kolb of Spring City, co-chairman, emphasized the need for workers to contact the young farmers in the two counties.

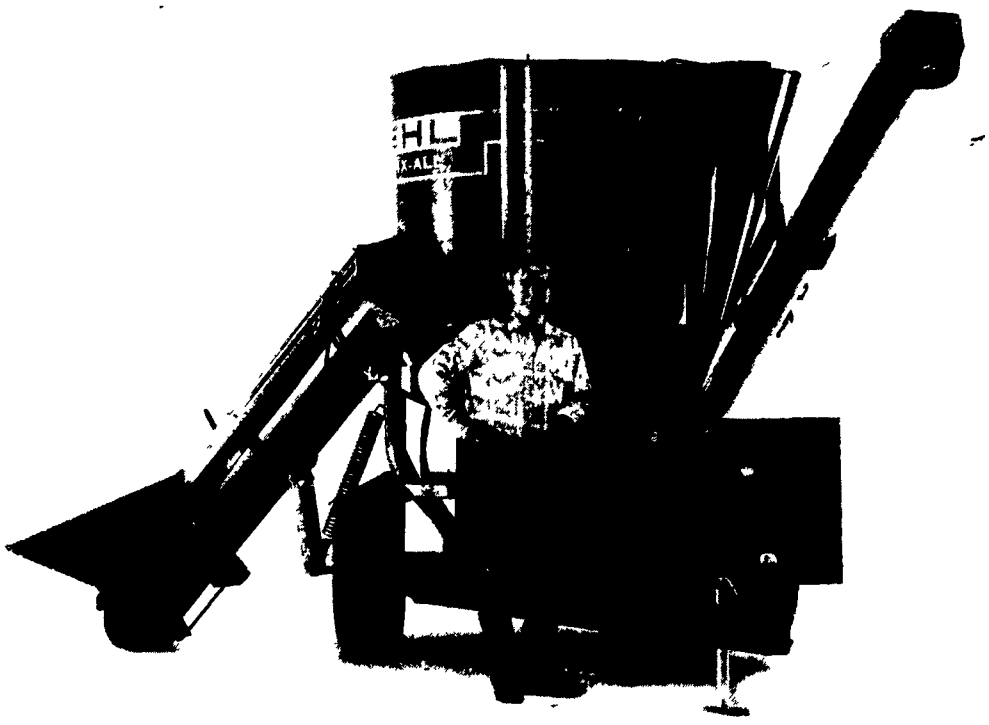
Melba King of Lincoln University stressed the many benefits of farmer's Association membership. "Farmers need to know that full-time lobbyists are working for them in the Pennsylvania General Assembly and the U.S. Congress. It is necessary to educate the legislators, congressmen and especially their staffs, to avoid restrictive, crippling and unnecessary legislation."

"Members are urged to call either Directors or directly to P.F.A. for answers concerning their insurance problems, labor restrictions, estate planning, legal concerns, water rights, and vehicle regulations," King said.

"Many questions will be passed on to staff of the Pennsylvania Farmer's Association and American Farm Bureau Federation. When necessary, they in turn will contact government bureaus for an official determination," King emphasized.

"Agri-business people should be given the opportunity to support farm objectives by having them become associate members," urged Ed Koncle, regional organization director of PFA. "They can take advantage of other services provided through the Farmer's Association including health and insurance services. Associate members cannot vote for policy positions and election of officers," Koncle said. For more information concerning Farmer's Association activities or to join should contact Charles Wooleston, 268-8358, or Roy S. Kolb, 495-7841.

Linda Hicks of West Chester, membership recorder, reported 535 members for 1990, received to date.



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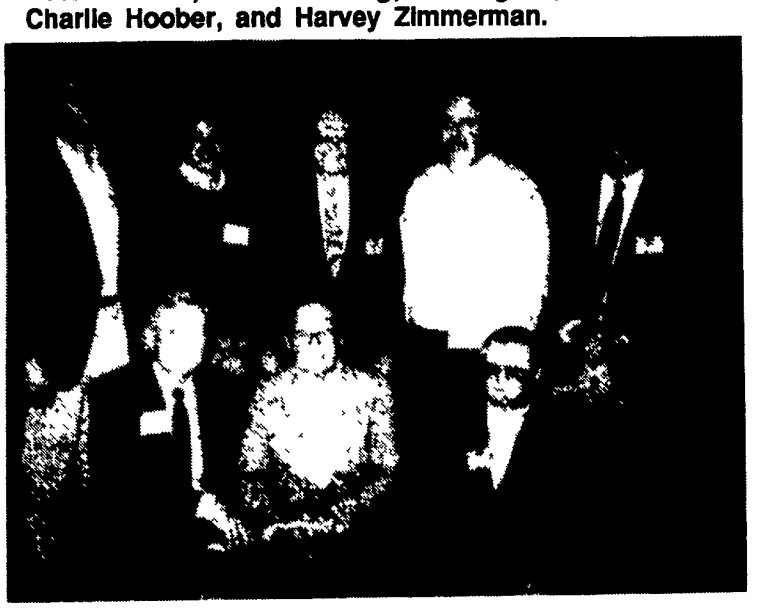
Business News

These dealers attended a recent Case IH product introduction in Kansas City, Mo. In the top photo are, from left, Dan Eckrot, Ken Messick, Lynn Hollinger, Jim Ambrose, Clair Inch, and Frank Saner. In the bottom photo are, standing, from left, Tom Yoho, Chuck Hoober, Bill Hobensack, Butch Clauss, and Don Strang; kneeling are, Harold Bower, Charlie Hoober, and Harvey Zimmerman.



Local Dealers Attend Case IH Product Introduction

KANSAS CITY, MO — Dealers from Pennsylvania and New Jersey recently attended a Case International 1990 agricultural equipment business meeting here.

Among those attending included Tom Yoho and Chuck and Charlie Hoober of C.B. Hoober & Son in Intercourse; Bill Hobensack of William Hobensack & Son in Ivyland; Butch Clausss of Erb & Henny Equipment in New Berlinville; Harold Bower, Case IH area sales manager based in Mechanicsville; Harvey Zimmerman of Zimmerman Farm Service in Bethel; Dan Eckroth of Eckroth Farm Equipment in New Ringgold; Ken Messick of Messick Farm Equipment in Elizabethtown; Lynn Hollinger of R.S. Hollinger & Son in Mountville; Jim Ambrose of Ringtown Farm Equipment in Ringtown; Clair Inch of Inch Equipment in McAlisterville; Frank Saner of Mifflinburg Farm Supply in Mifflinburg; and Don Strang of Farm Rite Inc. in Shiloh, N.J.

While there, the dealers were able to review the full line of Case International equipment including the recent improvements on the highly successful Magnum tractors and Axial-Flow combines.

They also saw many new additions to the Case lineup and participated in a special dealer preview of the new Maxxum tractor.

To be introduced January 1, 1990, the Maxxum 5100 Series tractors represent the second generation of totally new, world-class tractors from Case. The mid-sized Maxxum tractors are suited for general purpose, livestock, row-crop, and specialty farming work.

A closing presentation by James K. Ashford, president and chief executive officer of J I Case, challenged all Case International dealers to work as partners with the company to establish the new customer-oriented business concepts and to create awareness of the company's new dedication to meet customer needs.

DeKalb Pfizer Announces New Alfalfa Seed

DEKALB, IL — Alfalfa growers can seed a new alfalfa this spring that combines the toughest level of winterhardiness, multiple pest resistance and outstanding tonnage with high feed value. DeKalb-Pfizer Genetics announces that DK122 will be available in most dormant alfalfa markets.

The new variety reflects advances in alfalfa research including the multi-leaf characteristic says Jim Rich, DeKalb-Pfizer alfalfa product manager. "We are excited with the overall performance results of DK122, in addition to the fact that it expresses multi-leaves under favorable growing conditions.

Rich says the seed industry is still gathering information about the feed quality of multi-leaf varieties. University test results will be available soon that may answer some questions about the impact of more leaves per plant on protein, relative feed value and other quality factors.

For more information about DK122 see your DeKalb brand dealer or write to Jim Rich, DeKalb-Pfizer Genetics, 3100 Sycamore Road, DeKalb, IL 60115.

Unverferth's new single-roller moedel rolling harrow ® I soil conditioner is available in widths up to 35 feet.

Single-Roller Soil Conditioner Offered By Unverferth

KALIDA, OH — Unverferth Manufacturing Company, Inc. has added a single roller Rolling Harrow® I, pull-type soil conditioner tool to its line of Rolling Harrow® soil conditioners.

Designed with a spike-tooth leveling bar that smooths ridges and an aggressive roller that penetrates and shatters the soil, the single roller soil conditioner provides a firm, level field. Coarse soil that resists crusting, erosion and compaction stays on top. The moisture-retentive finer soil is deposited at planting depth. The single roller unit is also ideal for chemical incorporation.

The single roller Rolling Harrow I is available in widths up to 35 feet. The double roller Rolling Harrow II is available in widths up to 37 feet.

For more information contact Unverferth Manufacturing Co., Inc., P.O. Box 357, Kalida, OH 45853, telephone 800/322-6301, 419/532-3121.

Massey-Ferguson 390T Tractor Features High PTO Output

DES MOINES, IA — Agricultural practices have changed dramatically in the last few years and many farmers now look for a mid-range tractor that offers the higher PTO output of larger tractors. The M-F 390T tractor has been developed to meet this need. Primary applications include dairies, haying and speciality applications such as orchards and vineyards.

The new mid-range M-F 390T has big PTO horsepower punch; offers an exceptional value when compared to larger tractors with the same PTO power; and is an ideal choice where the PTO will be utilized a large percentage of the time.

Typical applications include powering round or rectangular balers, small forage harvesters, grinder mixers, stalk shredders, and orchard fan sprayers.

The M-F 390T is available in two- and four-wheel-drive configurations and offers the following desirable features:

* Compact, 80 horsepower turbo charged AT4.236 Perkins diesel engine.
* Perkins diesel engine features the unique wastegate turbocharger for improved low speed torque.
* Split torque clutch with hydraulic actuation provides constant drive to the PTO and the internal Ferguson hydraulic lift pump.
* 8-Speed manual or optional 12-speed synchromesh transmission.
* Independent two-speed PTO, either 540 or 1000 RPM.
* Ferguson System hydraulics.
* Two auxiliary spool valves — standard equipment.
* Category II 3-point hitch.
* Optional cab with air conditioning available.

M-F 390T product literature contains a more complete list of features and specifications. Copies are available at Massey-Ferguson dealerships, or by contacting Massey-Ferguson Inc., 1901 Bell Avenue, Des Moines, Iowa 50315.

The new Massey-Ferguson 90-horsepower M-F 390T tractor features a high PTO output for applications where a mid-range tractor with big-tractor PTO output is needed. Dairies, orchards, vieyards, and haying applications are primary markets.

Introducing the new

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Case IH put more into the new MAGNUM Tractor line than any farm tractors developed in over twenty years. Here's why you'll get more out of it:

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The MAGNUM Tractor's new larger cab has 48 square feet of window area — virtually unobstructed visibility — and more seating comfort. MAGNUM comfort.

It all adds up: The Case IH MAGNUM 7110 Tractor sets new standards for the 130 hp (97 kW) class — and for you. See us for details.

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Local Veterinarian Attends International Conference

HASTINGS, NE — Dr. Bruce Laidig of the Cumberland Valley Veterinary Clinic in Newburg and Scotland attended the fall conference of the Society for Theriogenology held in Coeur d'Alene, Idaho on September 28-10, 1989.

Thirty-eight internationally recognized authorities in the field of animal reproduction presented papers and technical information on reproductive problems, diagnosis, and treatment. The presentations emphasized equine and bovine reproduction, small animal reproduction, and small ruminant reproduction.

Regular membership in the society is restricted to veterinarians who have an interest in the field of animal reproduction. The members are updated through publications and newsletters received from the society office in Hastings, Nebraska.

The Society has more than 2,200 members in the United States, Canada, and a number of foreign countries.

Dr. Frank Mongini of Petaluma, California served as president of the society this past year with Dr. Steve Wikse of Texas A&M University serving as chairman of the 1989 Fall Conference assisted by Dr. Shirley Johnston of the University of Minnesota and Dr. Gordon Woods of the University of Idaho.

Pasture Management Theme Of Forage Conferences

COLLEGE PARK, MD — Dairy, beef, sheep, goat and horse owners interested in improving their pastures will be able to obtain the latest information on pasture establishment and management at two forage conferences to be held in January. These conferences, co-sponsored by the Maryland-Delaware Forage Council, Maryland Cooperative Extension Service and Delaware Cooperative Extension Service, will be held January 13, 1990, at the Caroline County 4-H Park near Williston, MD, and January 20, 1990, at the Carroll County Agriculture Center in Westminster, MD.

Program topics at both conferences will be similar. Topics to be discussed will include evaluating present pasture stands, selecting proper grass and legume species for reseeding, procedures and methods for reseeding pastures, and proper management of pastures to maintain stands. Also included in the program topics will be presentations on grazing management in both New Zealand and Ireland.

Both conferences will include commercial displays of products ranging from fencing supplies to seed and fertilizer. A plant identification contest will also be conducted. Livestock owners attending the conference will have an opportunity to observe and identify some of the common pasture grass and legume species.

Maryland and Delaware residents planning to attend either of the conferences should contact their local country Extension office for reservations and further information. Residents of surrounding states should contact either Lester Vough, Department of Agronomy, University of Maryland, College Park, MD 20742: 301/454-4695, or Richard Barczewski, Kent County Extension office, 4601 S. DuPont Highway, Dover, DE 19901; 301/697-4000.

Bramble Production Guide Offered

A long-awaited bramble production guide publication is available now from Penn State through the county Extension offices or the university.

Presented in a handy three-ring binder, this 188-page guide includes 116 color photos showing various bramble varieties, diseases, pests, and growing techniques. A series of budgeting tables is included and can be used to determine financial feasibility of a planting.

The guide's cost is $25. It may be obtained at county Extension offices or by writing Penn State Publication Distribution Center, 112 Agricultural Administration Building, University Park, PA 16802.

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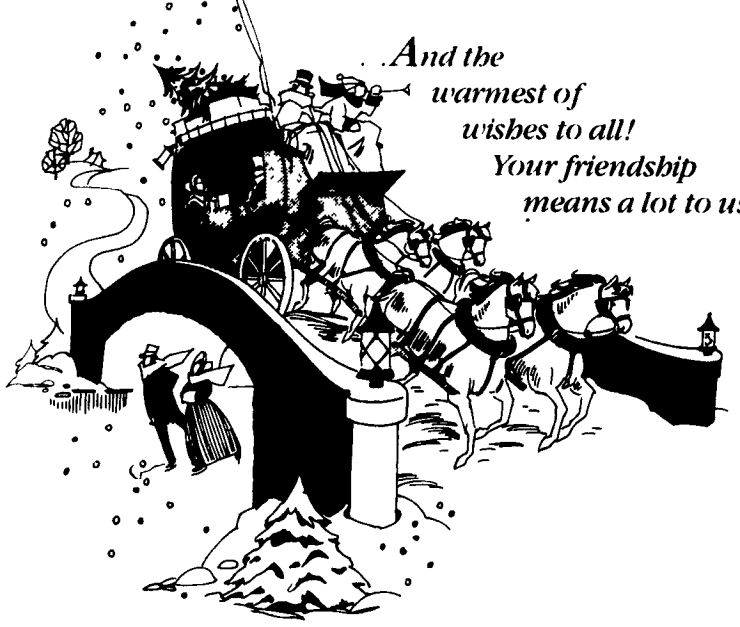

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Poultry Vets Save Millions Of Birds From Infectious Disease

Veterinary preventive health programs used throughout the poultry industry may be responsible for saving as many as 2.2 million birds per week that would have been lost to infectious diseases without the programs, according to the American Veterinary Medical Association (AVMA).

"We used to lose three percent of our broilers to condemnations, mostly due to Marek's Disease and other infectious diseases," said Robert E. Good, D.V.M., director of live production at Tyson Foods, Springdale, AR. "Now we're losing less than one percent. That means two percent more of a very large population of birds are surviving today."

With more than 5.5 billion broilers in the U.S. and 109 million consumed per week, flock health is a major concern for poultry producers and poultry companies.

"Our job is completely different from most veterinarians," Dr. Good said. "We practice flock health, but in working for an integrated company, we work on chickens we own as opposed to servicing animals owned by someone else. It's a whole different function."

Poultry companies are considered vertically integrated because they own almost all facets of the business operation, including the hatcheries, processing plants, feed mills and even the birds themselves. Independent farmers are contracted to raise the birds, but they follow strict guidelines provided by the companies that own them. Farmers are paid based on the poundage of broiler meat produced for the company.

At Tyson, for example, veterinarians write, administer and monitor comprehensive flock health and sanitation programs that their contracting farmers must follow. These programs spell out detailed cleanliness and care procedures and concentrate on health precautions. Producers are required to test breeder flocks for mycoplasma organisms that cause respiratory infections in their offspring.

David Kradel Herbert Jordan Milton Madison

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"More than 50 percent of the broiler breeders used to have mycoplasma organisms present in their blood, but now that's practically zero," Dr. Good said. "We started out in the sixties trying to eradicate them and by the early 1970s, they were pretty much gone."

Extensive vaccination programs are required by the poultry companies to insure that a broad range of infectious diseases are held in check. According to Robert Eckroade, D.V.M., Ph.D., director of the Laboratory of Avian Medicine and Pathology, School of Avian Medicine, University of Pennsylvania, more doses of vaccines are used for poultry than for all other animals combined because infectious diseases spread rapidly through a flock.

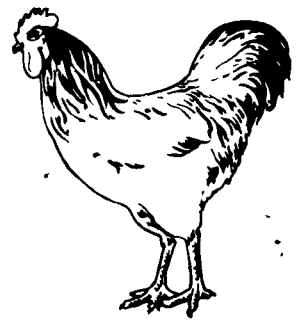
"Transmission of infectious diseases can be a major problem when you have huge populations in such concentrated areas," Dr. Eckroade said. "In the broiler industry you may have 35,000 birds per house and multiple houses on a farm. In the layer industry there may be an excess of 90,000 to 125,000 birds per house."

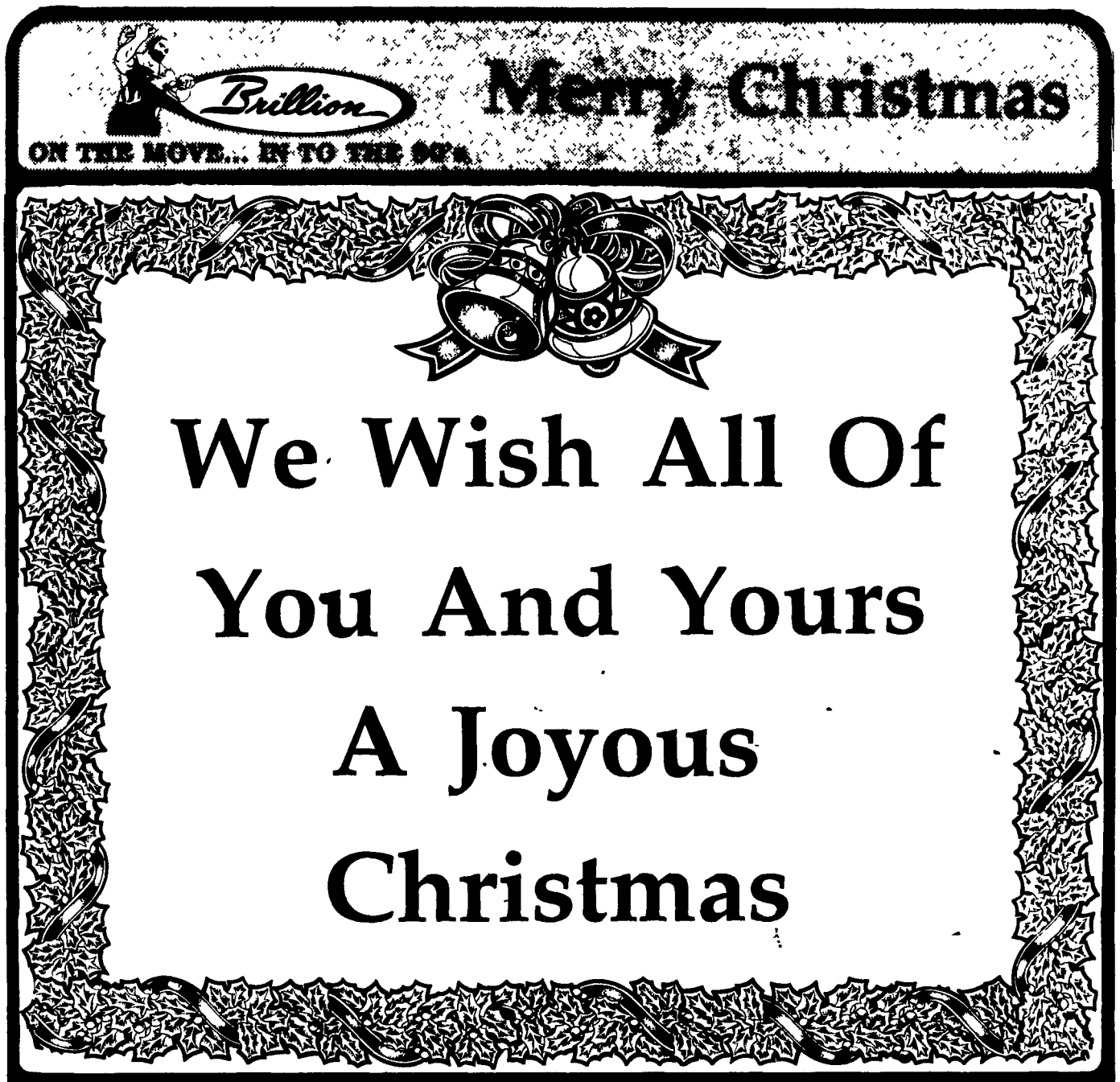
According to Mark Dekich, D.V.M., M.A.M., Senior Director of Health Services, Perdue Farms, Inc., Salisbury, MD, flock health is only one of several veterinary concerns in the poultry industry. "Poultry veterinarians today are responsible, number one, for setting up health-care programs, a preventive medicine role, and secondly for diagnosing disease problems. But we're also held accountable on the business end for the costs involved," Dr. Dekich said.

Consumer concern for purity in foods will be the wave of the future, according to Dr. Eckroade. "We're going to see more consumer concern about sterilized products going into the food chain, and we'll have more pressure on meat producers to do more to reduce or eliminate bacteria," he said.

The nation's ten largest poultry companies produce 66 percent of the broiler meat consumed in this country. About 20 veterinarians in total are employed for these integrated operations. In the egg industry, 50 to 60 owners account for 60 percent of eggs produced. An estimated 800 veterinarians serve poultry producers indirectly through diagnostic laboratories, biologics manufacturers, and the U.S. government.

Poultry consumption is on the rise in this country, and poultry has become one of the most consumed animal foods. In response to this trend, post-D.V.M. programs that specialize in the unique requirements of this industry have emerged. The University of Georgia, for example, graduates about four students per year and the University of Pennsylvania about one per year from Master's Degree programs designed specifically to prepare veterinarians for the poultry industry.





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ON THE MOVE.. IN THE 90's

30 YEARS AGO
THIS WEEK

-Pennsylvania's 1959 Peach Dessert Queen, Miss Mary Jane Hill, has been named 1960 National Peach Queen.

The 17 year-old sensior at Warwick High School learned of her election to the national honor on Tuesday night at her home at Brickerville R2.

-The board of directors of the Lancaster County Soil Conservation District accepted the application of 25 new cooperators to sign up a total of 6,464 acres at the regular monthly meeting on Monday evening.

Two of the larger tracts, 4400 acres in area, were signed up by two munipal groups. The Borough of New Holland and the New Holland Borough Authority through their respective, J. Paul Kachel, president of Borough Council, 12 North Railroad Ave., New Holland, applied to cooperate on 2400 acres in Earl Township. The Chester Municipal Authority, Nottingham, signed up 2000 acres in Little Britain and Colerain Townships.

-Ad in Lancaster Farming reads: SPECIAL PRICES on Norge Freezers-chest type- 20 cu. ft. $290; 16 cu. ft. $270.00

-Society of Farm Women No. 7 welcomed Mrs. Harold Eby into membership at the regular monthly meeting of the group in the Kinzers Fire Hall on Dec. 12.

Mrs. Chester Clark, Mrs. Paul Skiles and Mrs. Edward Miller were hostesses for the event where 36 members and one guest exchanged Christmas gifts.

Mrs. Kenneth Warfel, Blossom Hill, gave a very interesting and informative demonstration of gift wrapping. The society voted to donate 10.00 to the Multiple Sclerosis Society.

Mrs. Walter J. Snead of Paradise R1 is news reporter for the society.

-Officers of the Pequea Valley Future Farmers were hosts at the watershed meeting held in Pequea Valley High School on Wednesday evening in conjunction with the Lancaster County Soil Conservation District. Lynn Hess, president of the FFA chapter, was master of ceremonies, introducing the speakers and the panel to the group of over 80 farmers from Leacock and Paradise townships.

The program, planned in cooperation with John Yost, associate township director, featured a panel discussion, "Some Things I Have Observed about Conservation," moderated by Henry Givler, teacher of vocational agriculture and advisor of the Pequea Valley FFA. Donald Ranck, J. Arthur Rohrer and Kenneth Skiles, farmers in the area, told of the experiences they have had since they have applied conservation on their farms. Skiles said that he was about ready to destroy all the contours on his farm, but he saw the good they were doing and had learned to farm with the contours instead of against them.

-The number of layers on Pennsylvania farms is the lowest for November since 1942, according to figures released by the Pennsylvania Crop Reporting Service this week.

The number of layers on Pennsylvania farms during November was estimated at 17.5 million. Also, this is the first time since records were started, in 1925, in which average number of layers did not show an increase from October to November. The average seasonal increase is about 3 per cent.

Forest Management Provides Healthy, Productive Forests

SPRING GROVE (York Co.) — Over the past three decades — since the first baby boomers entered school — a remarkable thing has happened to America's forests: They've grown. Today they contain 200 billion cubic feet more wood than they did in 1952.

Despite population pressures and the rapid urbanization of the past quarter-century, the growing stock in the nation's forests has grown from about 603 billion cubic feet to about 830 billion cubic feet today. The result is a renewable American resource capable of furnishing an important raw material not only for our rising domestic use, but for expanding global demand as well.

With the application of modern forest management techniques, the productivity of America's forest is among the world's best.

Largely as a result of this careful resource management, the U.S. built 46 million new housing units and produced 1.7 billion tons of paper and paperboard - 7.2 tons apiece for every man, woman and child in the country today — in the past 25 years.

Today the use of wood products extends far beyond home construction and paper. Wood flour and melamine resins using cellulose filler are principal components of dinnerware, telephone housings, radio and TV cabinets. Torula yeast, a high-protein product made from wood sugars spent in the pulping process, is used in baby foods, cereals, baked goods, and dietary preparations. Ethyl cellulose is used in products as diverse as sausage casings and photographic film. Rayon, a natural fiber increasingly used in the garment industry, is a forest by-products.

Given this rising demand for both the traditional uses of wood and furturistic applications of wood fiber, it's surprising that the nation is harvesting only about the same volume today as it did at the turn of the century. It's all the more surprising since per capita paper consumption has risen 800 percent and the production of lumber and other wood products has climbed 70 percent during the same period.

We can satisfy rising demand and still harvest less of our forests because forest managers are committed to good stewardship of the land.

Use of genetically-improved seedlings — the so called "supertree" — and improved methods for controlling nature's predators, such as wildlife, insects and diseases, conserves more of the forest for a variety of uses from products to recreation. That way, modern forest management gives Americans better use of their forest lands.

In addition, forest products companies today find ways to use wood far more effectively than was ever thought possible. Logging residues, tree-tops, limbs, and salvageable dead trees that were formerly discarded as waste are now used productively in the modern manufacturing process.

Our forest land today totals about 737 million acres. Of that total, about one-third — 241 million acres — is set aside in parks and wilderness areas, or is otherwise unsuitable for growing repeated crops of trees. This third of the American forests is bigger than Norway, Sweden, Denmark, Austria, Switzerland, Holland, Belgium and Israel combined.

The remaining 496 million acres of the total forest base is called "commercial forest" land capable of producing repeated crops of trees, and where production and harvesting is permitted by law.

American forests have a variety of owners. Those with the most acreage are the roughly four million private landowners, who control almost 58 percent of the commercial forests, about 275 million acres. Government is the second major forest owner. About 126 million acres of commercial forest land (28 percent) is publicly held, mostly by the U.S. Forest Service.

The forest products industry comes in a distant third, with about 14 percent of the commercial forests — something like 69 million acres. Nevertheless, industry provides over 30 percent of the national forest harvest. Private, nonindustrial landowners supply 48 percent of the harvest and government owned lands account for 22 percent.

Approximately 92 million acres of privately owned and industry forests are certified in the American Tree Farm System, a nationwide program that encourages private forest owners to manage trees as a crop for harvest. More than 65,000 individual and corporate landowners in all 50 states currently participate in the program.

CHRIST IS BORN

The blessed day that is Christmas holds for each of us a special joy and enlightenment. May it offer you peace and love along with our heartfelt thanks for your kindness.

Paul B. Zimmerman Inc.

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Thanks for your continued patronage

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Lancaster Co. DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

BREED CODES:

1 Ayrshire	5 Brown Swiss
2 Guernsey	8 More Than One Breed
3 Holstein	G Grade
4 Jersey	B Grade and Registered

October, 1989

A Registered Holstein cow owned by Paul S. Horning, Box 365 Mt. Airy Road, Stevens, produced the highest 305 day lactation. Ellis produced 25,372 lbs. of milk, 1,221 lbs. of butterfat with a 4.8% test. Second high lactation was completed by a Holstein cow owned by Kenneth E. Zurin, 2075 Spooky Nook Road, Mt. Joy. 622 produced 26,049 lbs. of milk, 1,173 lbs. of butterfat with a 4.5% test.

LACTATION

Owner-Cow's Name	Brd.	Age	Days	Milk	Test	Fat
Paul S Horning						
Ellis	RH	7-0	305	25,372	4.8	1221
Daffy	GrH	3-7	305	24,197	3.7	901
Donna	RH	5-7	305	22,345	3.9	887
Kenneth E Zurin						
622	GrH	4-0	305	26,049	4.5	1173
765	GrH	3-1	281	20,462	4.7	963
647	RH	3-10	305	25,903	3.4	895
621	GrH	4-2	286	24,898	3.5	872
Weaver Homestead Farm						
34	GrH	4-2	305	26,955	4.2	1157
44	GrH	3-4	305	28,539	3.4	986
4	GrH	2-0	305	21,858	4.2	931
Leonard J Stoltzfus						
Kozea	RH	4-4	305	24,441	4.5	1122
J Wade Groff						
Vera	RH	5-3	305	28,134	3.9	1097
Abby	RH	4-9	305	23,602	3.8	901
Zaza	RH	3-1	305	20,848	4.3	900
Aaron S Glick & Son						
79	RH	5-10	305	22,843	4.7	1088
Ken & Nelson Stoner						
11	RH	6-0	305	27,688	3.9	1081
Amos B King						
Kathy	RH	7-4	305	26,660	4.0	1080
John U Glick						
Ettie	RH	5-11	305	24,454	4.3	1070
Negra	RH	4-5	305	22,249	4.3	968
Cherry	RH	7-10	305	22,046	4.0	902
Amy	RH	4-11	305	20,799	4.2	888
Ralph Petersheim						
Happy	RH	6-10	305	27,002	3.9	1065
P Robert Wenger						
Karla	RH	4-10	305	25,175	4.2	1064
Jean	RH	2-9	305	17,887	5.1	912
JS Smucker-Sons Farm #1						
904	RH	3-0	305	25,795	4.1	1062
828	RH	2-2	305	25,424	3.6	930
Kreider Dairy Farms						
837	GrH	5-8	305	24,860	4.2	1061
94	GrH	5-0	305	25,406	3.6	923
899	GrH	5-4	305	22,776	3.9	906
838	GrH	5-6	305	23,218	3.8	888
859	GrH	5-6	305	18,324	4.8	880
943	GrH	4-1	305	21,458	4.0	877
Harry Zimmerman Jr						
Beauty	RH	5-2	305	23,912	4.4	1055
Brooke	RH	5-4	305	24,224	4.0	983

(Turn to Page D12)

Peace on Earth

His birth brought love and hope to all mankind...embracing hearts with joy and spirits with true peace. Let the celebration of this holy day fill each of us with renewed happiness, as we share in thanks for the many blessings we behold.

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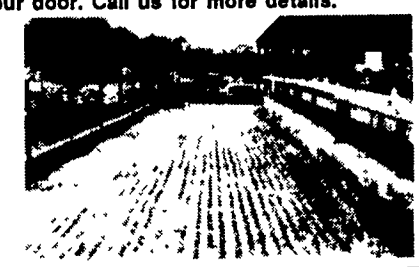

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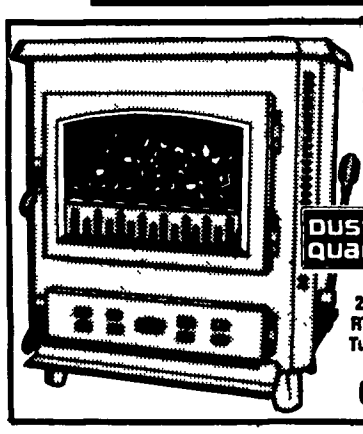
Lancaster Co. DHIA

(Continued from Page D11)

Miriam	GrH	6-0	305	28,907	3.1	914
Welsh Hill Farm						
99	RH	5-5	305	25,113	4.1	1053
245	RH	7-0	305	26,476	3.6	957
10	RH	4-0	305	20,765	4.3	897
178	RH	3-3	305	25,314	3.4	880
Neil Good						
Bella	RH	4-5	305	24,163	4.3	1051
Aaron E Allgyer						
Queen	GrH	4-10	305	27,806	3.7	1048
Sadie	GrH	8-1	305	25,204	3.7	936
Curtis E Akers						
Jiff	RH	5-0	305	29,269	3.5	1044
Pauline	RH	5-11	305	23,541	3.8	910
Kevin S Smoker						
Elena	RH	6-1	286	20,083	5.1	1036
Pipi	RH	3-1	305	27,038	3.7	1000
Glenn E Burkholder						
Tasha	RH	6-4	305	26,427	3.9	1032
John & Barb Brubaker						
Juice	RH	3-4	305	29,100	3.5	1029
Peach	RH	2-3	305	26,021	3.4	903
Birdie	RH	3-0	305	20,127	4.3	871
Paul H Rohrer & Sons						
87	GrH	3-0	298	23,688	4.3	1029
52	GrH	3-0	292	25,061	3.7	928
34	GrH	5-7	305	21,158	4.3	916
John S Zimmerman						
43	GrH	5-2	305	29,659	3.4	1024
39	GrH	6-0	305	23,055	4.0	928
56	GrH	2-8	305	20,428	4.5	928
Pillar-Pride Farm						
29 E	RH	4-8	305	22,441	4.5	1022
Kenneth L Beiler						
Ida	RH	5-10	305	28,609	3.5	1015
Warren Z Good						
Darla	GrH	7-3	305	26,129	3.8	1007
David D Zimmerman						
Lesley	RH	5-8	305	21,833	4.6	1006
Shelmar Acres						
Sidny 43	RH	6-10	305	23,907	4.2	1005
Val	RH	4-2	305	22,064	4.4	985
Clovr 24	RH	7-11	305	24,001	3.8	926
Evie 4	RH	3-5	287	21,232	4.2	900
Amber 84	RH	6-1	305	23,122	3.7	875
A Dale Herr						
187	GrH	7-3	305	23,999	4.1	1003
Conestoga Farms						
Harmony	RH	2-9	305	26,319	3.8	1001
Apricot	RH	7-1	305	22,507	4.1	943
Violet	RH	2-3	305	22,110	4.1	916
John E Coleman Jr						
Sierra	RH	5-8	294	25,814	3.8	1000
Calvin D Beiler						
Mica	RH	3-3	305	25,086	3.9	999
Lapp Valley Farm						
Ivanna	RH	3-1	305	24,298	4.1	999
Lill	RH	5-4	293	20,271	4.4	901
Kathy	RH	4-6	305	22,958	3.8	890
Joseph C Wivell						
Kinsey	RH	5-7	305	26,935	3.7	996
Denise	RH	3-0	305	25,621	3.7	951
Anita	RH	4-9	305	23,231	3.8	898
Dale & Steve Hershey						
Andi	RH	4-4	305	26,307	3.7	994
Annie	RH	3-1	305	23,361	3.8	890
Minnie	RH	4-7	305	27,504	3.1	872
David L Landis						
869	RH	5-9	305	24,456	4.0	993
21	RH	7-0	305	22,334	4.1	916
Jake E Stoltzfus						
Sally	GrH	4-3	305	29,558	3.3	992
Timothy Kurtz						
59	GrH	4-6	305	29,098	3.4	990
96	GrH	5-0	280	23,541	4.1	976
Tom Zartman						
61	RH	4-9	305	27,686	3.5	986
138	GrH	4-6	305	24,579	3.7	915
210	RH	4-0	305	23,767	3.6	877
Robert & Linda Sensenig						
39	RH	3-2	305	25,761	3.8	986
55	GrH	6-5	305	25,800	3.5	902
40	RH	7-2	305	22,938	3.8	888
41	GrH	4-2	305	23,514	3.7	881
Clair M Hollinger						
94	GrH	4-10	305	22,780	4.3	983

(Turn to Page D13)

NOT A CREATURE WAS STIRRING....
Merry Christmas



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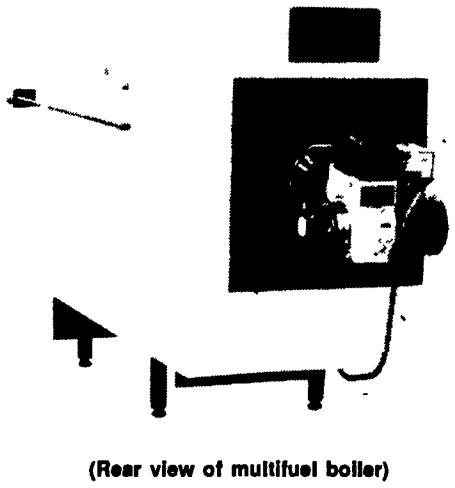

(Rear view of multifuel boiler)

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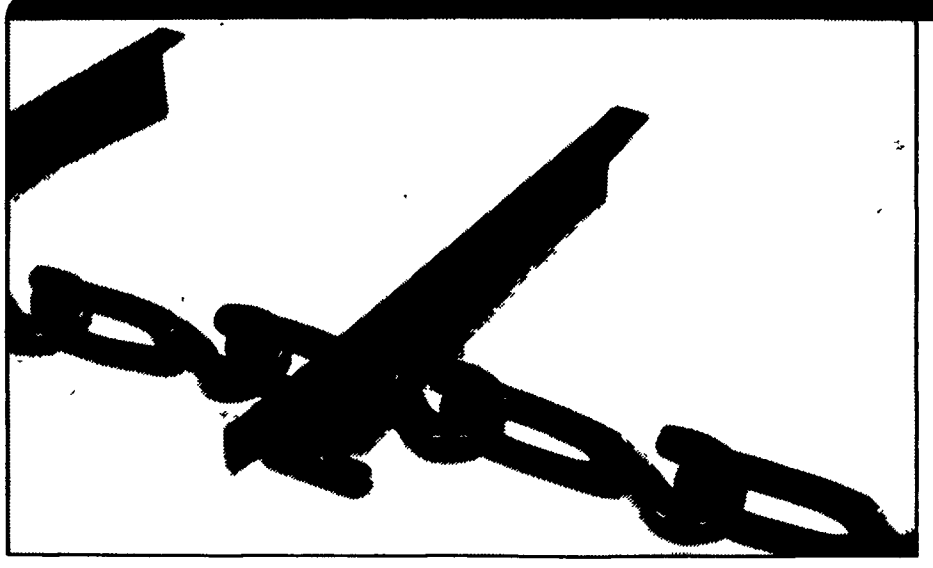

10-year warranty

We back up our confidence in the reliability and longevity of our proven gutter cleaner chain by providing an extended warranty.

This extended warranty covers replacement gutter cleaner chain as well as chain in new installations.

Get the added value of owning Patz gutter cleaner chain by contacting your Patz dealer for details.

Patz: your guarantee of quality.

Patz
Proven Performer

Patz hook-and-eye links have proven their value for 39 years. Patz links are forged out of special-formula steel to provide strength and durability. The Patz link design provides chain flexibility that takes sprocket, corners, and elevations smoothly for layout flexibility and minimum wear.

Choose the Model 400 (blue) link with more than 2 pounds of steel, or choose the heavier Model XH-400 (red) link for extremely long pulls.

Progression forgoing builds extra strength into hook-and-eye link contact points. Final heat treating increases hardness, strength and wear resistance. Patz links withstand corrosion for long chain life.

Ask about our 10-year warranty on links and flites.

Other brands can be adapted for Patz chain.

Patz Look At The Cost - The Average Annual Cost

Talk to Patz equipment owners about the long life of Patz Gutter Cleaners, Patz Hook-and-Eye Chain, Patz Silo Unloaders and other Patz equipment.

Then you will see how the extra years of service from Patz equipment gives you low average annual cost.

That's why Patz is the profit booster on so many successful farms.

Let us show you how Patz equipment longevity and reliability can cut your annual costs.

Patz Company And Their Dealers Wish Each Of You A Blessed Holiday Season And A Happy And Prosperous New Year

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Jim Bilski
814-696-9447

Lancaster Co. DHIA

(Continued from Page D12)

Richard N Sauder						
Belle	RH	5-11	285	23,752	4.1	982
Glenn F Shenk						
Ida	GrH	4-6	305	25,862	3.7	981
Salome	RH	3-6	305	24,739	3.5	876
Glenn R Binkley						
47	RH	6-3	305	25,878	3.7	980
109	RH	2-8	305	23,692	3.8	905
Oak Meadow Farm						
Kelly	R&W	4-7	295	24,173	4.0	980
Melvin R Eby						
Flute	RH	4-7	305	22,751	4.2	977
Carol	RH	10-9	275	20,598	4.3	887
Dan L Stoltzfus						
Judy	RH	6-9	305	21,893	4.4	977
Ricky	RH	5-1	305	20,364	4.5	930
Jay Richard Groff						
32	GrH	4-1	305	27,606	3.5	975
Graywood Farms						
272	GrH	6-3	305	26,690	3.6	975
214	GrH	5-2	305	24,939	3.8	960
467	GrH	4-0	305	23,230	4.0	949
167	GrH	5-11	305	24,960	3.7	943
89	GrH	10-5	305	22,289	4.1	923
471	GrH	7-11	305	24,038	3.8	915
88	GrH	6-11	305	22,516	3.9	899
387	GrH	3-1	305	25,560	3.4	891
Ivan S Stoltzfus						
Chic	RH	3-5	305	23,329	4.1	974
G Hershey Hostetter						
Sadie	GrH	5-3	305	26,523	3.6	967
Ivan M Hursh						
Paula	GrH	4-6	305	23,505	4.1	967
Isaac S Huyard						
554	RH	4-9	305	23,736	4.0	966
Carl L Martin						
Doll	RH	5-6	305	27,032	3.5	964
Nelson Nolt						
Boomer	RH	4-5	305	24,814	3.8	961
Walter M Hurst						
164	GrH	5-9	305	24,057	3.9	958
Titus B Stoner						
Hilda	RH	5-8	305	26,327	3.6	957
Nelson W Nolt						
106	RH	8-11	305	21,630	4.4	955
15	RH	5-11	305	20,941	4.3	904
16	RH	5-11	305	21,799	4.0	872
Harold G Shelly						
Dippy	RH	3-1	305	25,168	3.7	954
Albert H Martin						
62	GrH	9-3	305	23,745	4.0	953
Running Springs Farm						
Amaria	GrH	3-4	305	24,010	3.9	952
Benji	GrH	4-3	305	31,429	2.9	925
Samuel E Beiler						
Mary	RH	7-11	305	29,641	3.2	951
E Curtis Funk						
115	GrH	4-7	305	19,245	4.9	951
Robert H Rohrer & Sons						
26	GrH	4-11	305	28,477	3.3	950
273	GrH	6-8	301	21,457	4.0	870
Noah Kreider & Sons						
352	GrH	7-4	305	22,014	4.3	950
Marvin S Nolt						
143	GrH	5-4	305	22,342	4.2	948
Amos M Stoltzfus						
Laurie	RH	3-4	305	23,925	3.9	947
Nellie	RH	5-3	305	25,247	3.6	928
Irma	RH	6-10	305	27,771	3.1	872
Donald R Bare						
90	RH	5-8	305	24,526	3.8	945
Sol S Stoltzfus						
Rachel	GrH	8-11	305	24,497	3.8	945
Norman L Hershey						
Edna	RH	3-4	305	24,556	3.8	944
Elmer M High						
17	RH	4-11	305	26,004	3.6	942
John K Peters						
MaryJo	RH	6-1	305	23,759	3.9	941
Meadow Vista Farm						
649	RH	4-10	305	20,246	4.6	941
J Wilmer Conrad						
Steamer	GrH	4-2	305	23,749	3.9	940
Bell	RH	4-1	305	26,368	3.4	903
Robert E Kulp						
35	RH	2-0	305	22,840	4.1	939
Vernon R Umble & Son						
Lynette	RH	7-0	305	27,074	3.4	938
Tammy	RH	4-10	305	26,662	3.4	918
Loren L Zimmerman						
Tessie	RH	4-0	305	24,295	3.8	938
Pen	RH	7-0	305	22,549	4.1	934
Lorah	RH	4-2	305	20,782	4.4	918
Peggy	RH	5-3	305	23,615	3.8	913
Kathlen	RH	3-4	305	22,945	3.8	891
Samuel B Smucker						
Kate	RH	3-1	302	23,049	4.0	938
Walnut Run Farm						
655	RH	3-1	299	28,530	3.2	936
36	GrH	4-11	305	26,360	3.4	914
730	GrH	2-0	305	25,218	3.5	886
David K Stoltzfus						
Lilian	RH	3-10	305	23,802	3.9	936
Jay L Ranck						
Evelyn	GrH	4-11	305	24,399	3.8	935
Elsie	GrH	4-5	305	19,799	4.4	875
Welk Acres Farm						
Blanche	RH	4-11	305	25,177	3.7	934
Samuel F Long						
Pam	RH	6-0	305	23,114	4.0	930
Omar Smoker						
Molly	RH	6-3	305	27,366	3.3	928
David & Robin Dum						
1108	RH	6-4	305	24,022	3.8	928
243	RH	5-5	305	23,840	3.7	884
Abram M Stoltzfus						
Nicole	GrH	6-1	302	20,979	4.4	928
Jennell	RH	6-2	269	22,424	3.9	874
J Harold Fritz						
48	GrH	7-9	305	20,810	4.4	928
Aaron R Zeiset						
11	RH	6-0	305	26,113	3.5	926
30	RH	5-3	305	26,784	3.3	894
Delmar & Susan Weaver						
Sarah	RH	3-9	305	24,750	3.7	923
Dwight R Houser						
Muddy	RH	5-6	305	23,227	3 9	923
Galen C Martin						
Ivory	RH	5-2	305	24,113	3.8	922
Luther R Patches						
Jewel	RH	5-2	305	23,096	3.9	922
Ammon E Reiff						
Misty	RH	7-1	299	22,707	4.0	922
Betty	RH	4-2	304	21,620	4.2	908
Kreider's & Nickle						
245	GrH	4-10	305	22,788	4.0	919
221	GrH	4-7	305	20,289	4.3	881
138	GrH	6-0	305	20,971	4.1	873
Glenn R Bushong						
Venessa	GrH	3-0	297	22,386	4.1	919
Harvey Z Stoltzfus						
Blinda	RH	4-0	305	25,599	3.5	918
Meadow Springs Farm						

(Turn to Page D14)

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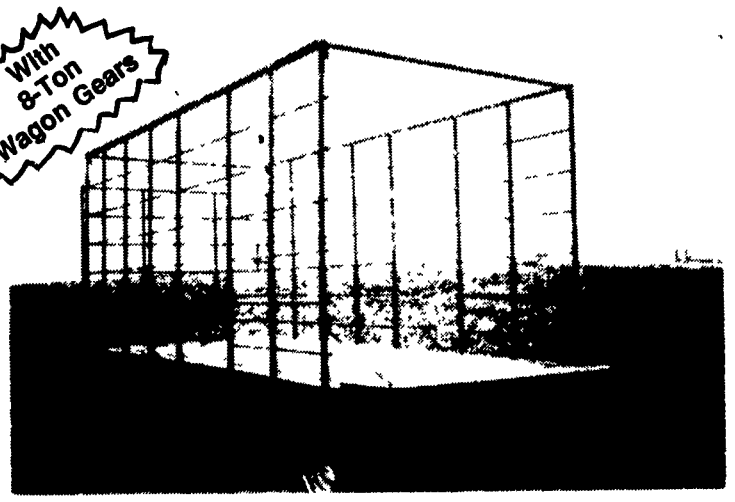

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Lancaster Co. DHIA

(Continued from Page D13)

Carby	GrH	3-5	305	23,221	3.9	918
Agnes	RH	3-9	305	22,323	3.9	885
Gerald Martin						
Kara	RH	4-0	305	24,734	3.7	917
Elvin L Kurtz						
Mona	RH	3-8	305	22,100	4.1	915
Lenewood Farm						
Tilly	RH	3-2	305	26,453	3.4	914
Fancy	RH	4-1	305	24,259	3.6	889
Ken & Lisa Wiker						
Pixie	GrH	6-11	305	24,914	3.6	914
Jeffrey L Aungst						
Fran	RH	7-0	305	23,179	3.9	914
Andrew G Miller						
2	GrH	0-0	305	22,262	4.1	914
C Dale Bollinger						
Misty	RH	5-4	305	21,190	4.3	914
Mahlon E King						
Pepper	GrH	3-3	305	20,520	4.4	910
Jonas M Zeiset						
Gwen	GrH	4-1	305	23,657	3.8	908
Curvin W Nolt						
134	RH	4-2	305	20,888	4.3	907
Best Brothers						
69	GrH	3-3	305	24,867	3.6	905
Hickory Grove Farm						
Jessie	GrH	5-3	305	24,637	3.6	904
Karl W Herr (Holstein)						
Sybil	RH	7-1	305	24,022	3.7	904
Amos N Martin						
Pris	GrH	4-5	272	22,824	3.9	904
Velvet	RH	5-2	298	23,459	3.8	896
Robert L Shelly						
Pretty	RH	3-8	305	25,494	3.5	902
Robert N Brandt						
64	GrH	6-6	285	24,637	3.6	902
39	GrH	4-1	305	27,625	3.1	880
Jay E Landis						
Bonnie	RH	6-2	305	27,326	3.3	901
Jonas O Sensenig						
9	GrH	6-10	305	22,522	4.0	901
Parke H Ranck						
Minnie	RH	4-2	305	19,809	4.5	900
Floyd Kreider & Son						
91	RH	4-10	305	25,247	3.5	899
Dal Car Farm						
384	GrH	5-3	305	24,471	3.6	899
Leon N Sensenig						
18	GrH	7-1	305	28,195	3.1	898
Buchen Farms						
786	RH	7-0	305	27,756	3.2	898
James A Hess						
Fancy	RH	5-0	305	21,177	4.2	898
Nathan G Stoltzfus						
Jupiter	RH	7-9	305	24,935	3.6	897
Gina	RH	8-1	305	23,892	3.6	873
Robert Kauffman Jr						
Idamae	RH	4-3	305	22,453	4.0	897
Earl N Landis						
Ruth	RH	5-3	305	20,207	4.4	895
Pauline	RH	5-3	305	21,784	4.9	878
Jonas B King						
Jean	RH	3-4	305	26,067	3.4	892
Lee Nome Farm						
Lilly	RH	5-4	305	23,967	3.7	892
Wea-Land Farm						
Alden	RH	3-0	305	21,557	4.1	891
Earl S Weaver						
Snowball	RH	5-2	305	26,140	3.4	890
Donald B Miller						
Teresa	GrH	6-9	305	25,939	3.4	889
Donald B Trimble						
28	GrH	6-7	305	24,219	3.6	888
Welsh-Vista Farms						
95	RH	4-5	305	27,027	3.2	887
J Floyd Kreider						
12	RH	4-6	305	23,003	3.8	887
Pequea Meadows Farm						
77	RH	4-5	302	20,294	4.3	887
45 Wndy	GrH	5-8	296	26,636	3.2	875
Henry D Zimmerman						
70	GrH	5-1	305	25,184	3.5	885
Log House Farm						
Esther	GrH	6-1	305	23,101	3.8	885
Hershvale Farms						
40	RH	5-7	305	22,492	3.9	885
Tom & Dale Smith						
Penny	RH	4-0	305	23,576	3.7	884
Long Acres Farm						
112	GrH	6-6	305	20,286	4.3	884
John G Good						
Anita	RH	7-2	305	27,210	3.2	882
Leaning Locust Farm						
Sandy	RH	6-0	305	25,809	3.4	882
Sandy Hollow Farm						
Gail	RH	3-1	305	20,597	4.2	882
John P Lapp						
Robin	RH	3-9	305	21,849	4.0	881
John L Landis						
55	RH	5-8	305	26,288	3.3	880
R Edwin Harnish						
Tonya	RH	4-6	305	22,071	3.9	880
Paula	RH	4-6	255	20,006	4.3	877

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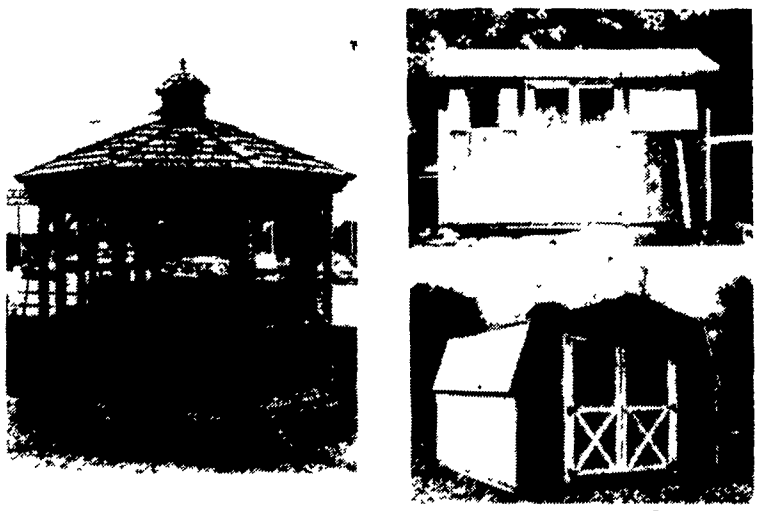

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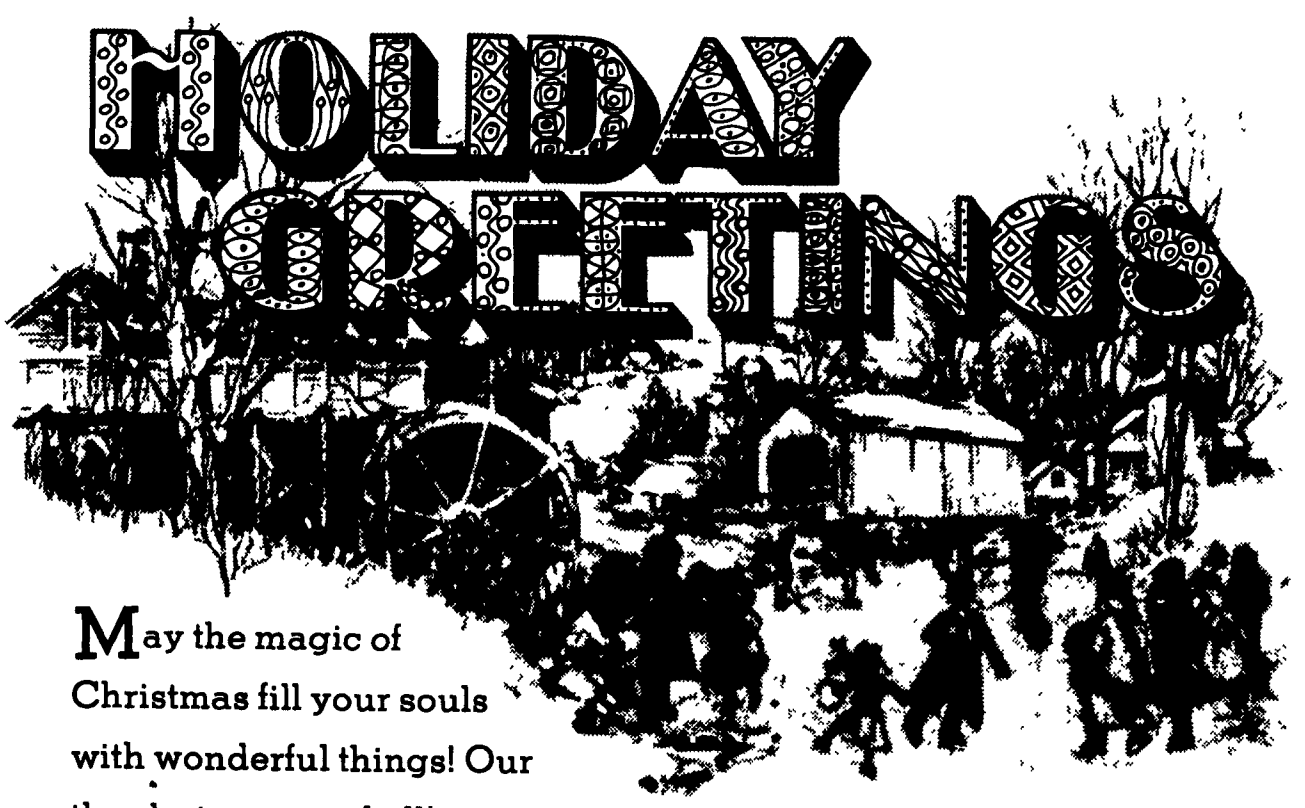

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SCS Names Pasture Management Specialist

HARRISBURG (Dauphin Co.) — District Conservationist Duane Pysher has been named pasture management specialist for Soil Conservation Service (SCS) in Pennsylvania, Richard N. Duncan, state conservationist for SCS announced recently.

Pysher, who works in SCS' field office in Berks County, will study pasture management for two years at the Pennsylvania State University before assuming this new position at SCS' state office in Harrisburg. He will begin classes toward his Master's of Science in agronomy in January.

Pysher will help Penn State conduct a major research project on pasture management, said Steven Fales, associate professor in agronomy. Collecting data on the increased use of pasture by dairy animals is one aspect of the study.

"We are tying this research into more efficient use of land-based resources, such as grass, and that is where SCS comes in," Fales said. "We are trying to see how farmers can most profitably use their pasture resources."

Fales said both Penn State and SCS will benefit from the position. "From our standpoint, we have someone who is more mature and has field experience ... I think his practical experience will enhance our program."

In pasture management, farmers rest and graze their pastures in a planned sequence. This system improves forage quality, saves labor and fuel, increases forage production and also can help wildlife.

Pysher received his Bachelor of Science degree in agronomy from Delaware Valley College. He began his career with Soil Conservation Service as a student trainee 22 years ago.

Duane Pysher

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New Center Houses Lehigh County Ag Services

BY VALERIE VAN TASSEL
Berks Co. Correspondent

ALLENTOWN (Lehigh Co.) — A number of Lehigh County agriculture offices got an early Christmas present this year in the form of a new office building. Located at 4184 Dorney Park Rd. in Allentown, the new Lehigh County Ag Center houses five service offices of interest to local agriculturists including the Soil Conservation Office, Agricultural Stabilization and Conservation Service, Farmers Home Adminstration, Lehigh County Conservation District, and Lehigh County Cooperative Extension.

According to Extension Director Robert Leiby, the change has been a positive one. "Our county had one of the last extension offices still located in the courthouse. I think that Lebanon may actually be the only one in that situation now. The Lehigh Courthouse is located in the middle of Allentown at 455 Hamilton Street. Farmers didn't find visiting the office to be very convenient. They had to pay to park, and parking could be difficult to find."

A combination of fortuitous circumstances led to the development of the new ag center. "The courthouse needed more space for the judicial system. At the same time the USDA's five-year lease was due to expire. They were located in the basement of the commerce building about three miles northwest of here. They didn't have any windows out there, and I know they appreciate the light in this building," said Leiby.

The extension also is pleased with the new facilities. "The location is great. We're just off I-78 next to Dorney Park and the Cedar Brook. We're close to 309 and Rte. 222 so the building is easy to get to. There is plenty of free parking and the offices are handicap accessible," Leiby explained.

The facilities are also an improvement over the courthouse quarters. "The extension has approximately 1,000 feet of additional space. There is plenty of room for storage, and we are organizing a staff library," reported Leiby.

One advantage that all the offices will share is meeting space. There is a conference room here. The Keystone Farm Credit furnished the room with furniture from one of their offices. There also is a small classroom with a kitchen and room for approximately 50 people.

Both rooms will be available for public use, but the facilities won't be for rent. "We hope to keep them busy with ag-related groups at no charge. The Farmers Association has used the conference room and the ASCS is looking forward to running their pesticides updates in the classroom. The home economics staff plans on doing demonstrations in the kitchen," Leiby said.

Extension is looking forward to running more of its meetings at the office. "Instead of holding so many meetings in other locations we will be meeting here. The parking lot is well lit and there is lots of room. Our suburban location is more conducive to night activities," Leiby said.

The first major night meeting was the open house held November 9. "We had more than 300 people view the new offices and everyone seemed to feel very positive about the move. One farmer told us that he was so glad that we had moved. Now he could stop at the office on the way home from the market without worrying about the load on the back of his truck," Leiby stated.

The move has changed the extension's used walk-in cleintele. "We us to have quite a few urban people stopping in to request horticultural and general information. Now we have a much more agricultural clientele," Leiby said.

Shelia Snyder, the program assistant for the Lehigh County ASCS, agreed that the new location has a lot of advantages for agriculturalists. "It's a one stop and they're done. The open house was a real success. We expect a lot more people stopping in to do their business. I think there is more communication between the offices as well. Now it's easy for the county agent to pop in here if he needs information. Our staff loves all the windows and the extra space."

According to Leiby the extension staff has been pleased with the move. "For most of the staff there is less travel time to work now. We have some minor operational changes. We were used to using the courthouse facilities for such things as large scale copying. We still do but instead of walking to get copies now we have to send things through a messenger. It takes some getting used to. It will also take some time to get everything unpacked."

The new Lehigh County Ag Center houses the county's Soil Conservtion Service, Agricultural Stabilization and Conservation Service, Extension office, Farmers Home Administration, and Conservation District.

The extension held their annual meeting during the open house and the following were elected as directors: William Dietrich, Harold Remaley, Calvin Lazarus and Barry Gehman.

Tomato Growers Meeting Scheduled

CLARKS SUMMIT (Lackawanna Co.) — A regional tomato growers' meeting is scheduled for Thursday, January 4, at Thompson's Dairy Bar in Clarks Summit.

The meeting, which will take place from 9:30 a.m. to 3:30 p.m., will feature discussions on topics such as staying competitive in production and marketing, North Carolina production practices, disease control trials at Penn State, the cost effectiveness of foliar fertilizers, and lime and fertilizer usage.

A featured speaker is Dr. Randy Gardner from North Carolina State University. Gardner is in charge of the tomato research program at the Mountain Research Station in western North Carolina where growing conditions most nearly match that in the Northeast.

The meeting also will be an opportunity for producers to earn additional points towards maintaining private applicator certification for applying restricted-use pesticides.

Reservations must be received at the Lawackwanna County Extension office by Tuesday, January 2. Phone reservations will be accepted. There is a $10 registration fee, which will include coffee and donuts.

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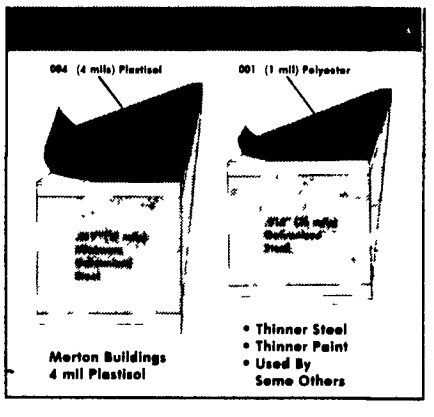

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Kenneth R Benner	3	64.1	89.3	22,256	838
Ray E McMillen	3	106.4	88.4	21,312	790
Edward C Brofee	B3	122.3	85.3	20,794	784
Donald Dum	3	37.2	88.5	20,220	770
Benjamin E Dum	3	47.5	90.2	20,076	766
Richard Metz Jr	3	31.0	85.9	20,431	760
Richard L Maurer	3	55.0	87.3	19,666	741
Alrada Farms	B3	95.4	87.1	19,477	731
Melvin S Weaver	B3	83.6	86.7	20,130	728
Innerst Farm	B3	57.1	83.9	19,283	726
Robert + Linda Loy	B3	55.8	86.7	19,289	725
Martin Brothers	3	171.0	88.9	19,033	717
David H Weller	B3	64.5	88.5	19,436	717
Byersholm Farms	3	28.4	94.4	20,010	711
MW Smith Farms	B3	77.6	85.5	21,402	710
John E Book	B3	42.3	87.9	20,442	708
Ed & Wilma McMillen	3	43.7	85.0	19,490	707
Perry Valley Farm	G3	49.0	86.0	19,921	701
Earl E Brubaker	B3	57.2	87.8	19,428	699
Carl E McMillen	3	71.0	86.6	19,038	696
Nevin G Rice	B3	106.3	87.3	19,379	695
Carl R Martin	B3	60.3	88.1	19,168	694
R Jack Crozier	B3	44.2	86.5	19,258	694
Clark W Bower	B3	90.8	87.5	18,848	687
Arthur E Dum Jr	G3	64.0	93.5	18,606	684
Richard Kriebel	3	51.2	88.1	18,361	683
Lyons Brothers	B3	64.6	90.3	18,434	683
Edward Horn	3	46.3	82.1	18,423	682
Agrophilos Inc	B3	65.0	89.1	17,523	674
O'Toole Bro's	B3	48.6	88.8	17,261	672
Milmay Farms	3	52.4	86.5	17,835	672
Max + Flo Reapsome	3	40.0	92.5	17,994	671
John-Timothy Adair	G3	50.3	84.6	17,949	670
Dean & Eric McMillen	B3	72.4	86.5	20,350	670
Edwin L Sheibley	B3	55.8	79.7	17,572	668
Oscar&Winie Campbell	B3	52.8	87.9	19,481	665
George Brubaker Jr	B3	43.5	91.0	18,399	663
Bratton View Farms	3	66.7	89.5	18,537	663
Perry Kretzing+Sons	B3	136.0	87.5	18,081	662
Pine Creek Farm	B3	48.9	81.7	18,919	654
Danny E Rice	3	33.5	87.4	17,701	654
J W& CL Achenbach	3	51.5	89.8	17,855	653
Ronald W Shambaugh	B3	33.3	84.7	17,220	652
John B Sauder Jr	B3	111.7	87.7	17,625	648
Richard G Smith	3	65.6	85.4	17,259	646
Carl R Kresge	3	134.6	88.2	17,385	643
Duane L Hertzler	B3	151.9	85.1	16,775	642
Robt & Bernice Gabel	3	41.5	89 3	19,388	635
Lester&Brian Fleisher	B3	50.6	84.2	16,611	632
Dale Smoker	B3	82.2	83.4	17,761	625
Philip E Brubaker	B3	61.7	84.4	17,827	619
Trout Brothers	B3	110.6	85.7	16,460	609
Gary H Haas	3	56 5	87 7	16,576	594
Irvin M Martin	B3	56.3	84.9	16,291	592
Cedar Lane Farm	B3	110.3	83.9	16,141	590
Clarence S Martin	B3	56.1	86.7	16,416	589
Noah W Sauder	B3	65.4	84.3	16,467	583
Donald S Anthony	B3	44.0	86.4	15,329	566
James F Bolze	B3	74.8	83.3	14,850	554
Isaac G Wenger	G3	68.3	81.5	14,280	551
Jeff + Sherri Dobbs	B8	29.7	90.2	13,773	532
J Marvin Landis	G3	58.1	85.8	14,398	521
Dumbelle Farms	B3	92.9	85.5	15,576	519
Indian Springs Farm	B8	47.9	83.1	13,337	518
Jason S Burkholder	B3	49.4	87.4	15,377	515
Leroy Heimbaugh	B3	23.1	86.0	13,852	507
Raymond B Zimmerman	B3	58.2	84.4	14,168	501
Steven H Trego	B3	49.2	77.6	13,587	479
Ronald C Fauth	G3	54.7	85.1	13,172	470
Airy View Farms	B2	91.3	85.4	10,965	457

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How often have you wasted fuel and time from unnecessary wheel spin, or even been stopped when one wheel dug in, just because you forgot to re-engage the differential lock or 4WD?

- Drop the three-point hitch and M-F Autotronic tractors automatically re-engage the differential lock to prevent spinning and lost time.
- On 4WD models, touch the differential lock and it automatically engages the 4WD.

Improved control.

Stopping a heavy load can be hard on your tractor and your nerves. But it doesn't have to be.

- As soon as you apply the brakes on 4WD models, the tractor instantly engages the 4WD to give you effective 4-wheel braking and maximum control.

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Eliminating Pests, Diseases Key To Growing Christmas Trees

UNIVERSITY PARK (Centre Co.) — Growing the perfect Christmas tree requires the detective skills of a Sherlock Holmes, a Penn State plant pathologist says.

"Pests and diseases can ruin a crop of Christmas trees in a matter of one or two seasons if problems are not detected quickly enough or are misdiagnosed," Dr. William Merrill, professor of plant pathology, says.

To assist Christmas tree growers with identifying pests and diagnosing diseases, Penn State's College of Agriculture offers an annual Christmas Tree Pest Management Short Course.

At this year's Christmas tree course, 100 participants will receive training in diagnosing problems, as well as learn about current pest management strategies. The course will be held Jan. 4 and 5 at the Keller Conference Center at University Park campus.

In Pennsylvania, one of the major problems facing growers is Rhabdocline needlecast on Douglas firs, he says. The disease causes all the needles, except for the current year's needles at the tips of branches, to drop. Cool temperatures and abundant moisture during bud-break contribute to disease development.

No damage is visible until late winter — eight to nine months after the tree is afflicted. A fungicide can prevent the disease, but its successful application depends on a grower's ability to recognize the problem. Once the problem is correctly identified, timing of the fungicide application is critical, Merrill says.

With the increasing popularity of Douglas firs as Christmas trees, it is vital for Pennsylvania growers to learn to accurately diagnose the disease in order to prevent losses and to remain competitive in the Christmas tree market.

It involves an intensive, two-day hands-on approach for growers from throughout the northeast and as far west at Minnesota.

"We offer the course in January, because that's a slow time of the year for growers — following the hectic months before Christmas," Merrill says.

Growers will learn the latest research developments related to Christmas tree production. They also will be updated on the status of current pesticide regulations and participate in a session of pesticides in the environment and the potential for groundwater contamination.

Another focus of the course involves minimizing the use of pesticides. The long-term answer lies in improving disease resistance of trees, Merrill says.

To date, little attention has been paid to breeding Christmas trees for insect and disease resistance. The emphasis has been on improving tree strains for growth rate, form, color and frost resistance. Unfortunately, many of these "improved" strains are very susceptible to insects and diseases, he notes.

"In the long-run, breeding trees for disease resistance will be better than using multiple applications of pesticides. It is cheaper and has no danger of adverse environmental effects. Also more and more pesticides are having their uses restricted, and other pesticides are being voluntarily withdrawn by chemical manufacturers to avoid the high costs of recertification testing," he adds.

Merrill organizes the annual short course with the assistance of Nancy Wenner, senior research assistant in plant pathology, and in cooperation with Dr. Paul Heller, professor of entomology, and Dr. Larry Kuhns, associate professor of ornamental horticulture. For information about registration, call the Penn State College of Agriculture short course office at (814) 865-8301.

Grange Selects National Art, Talent Winners

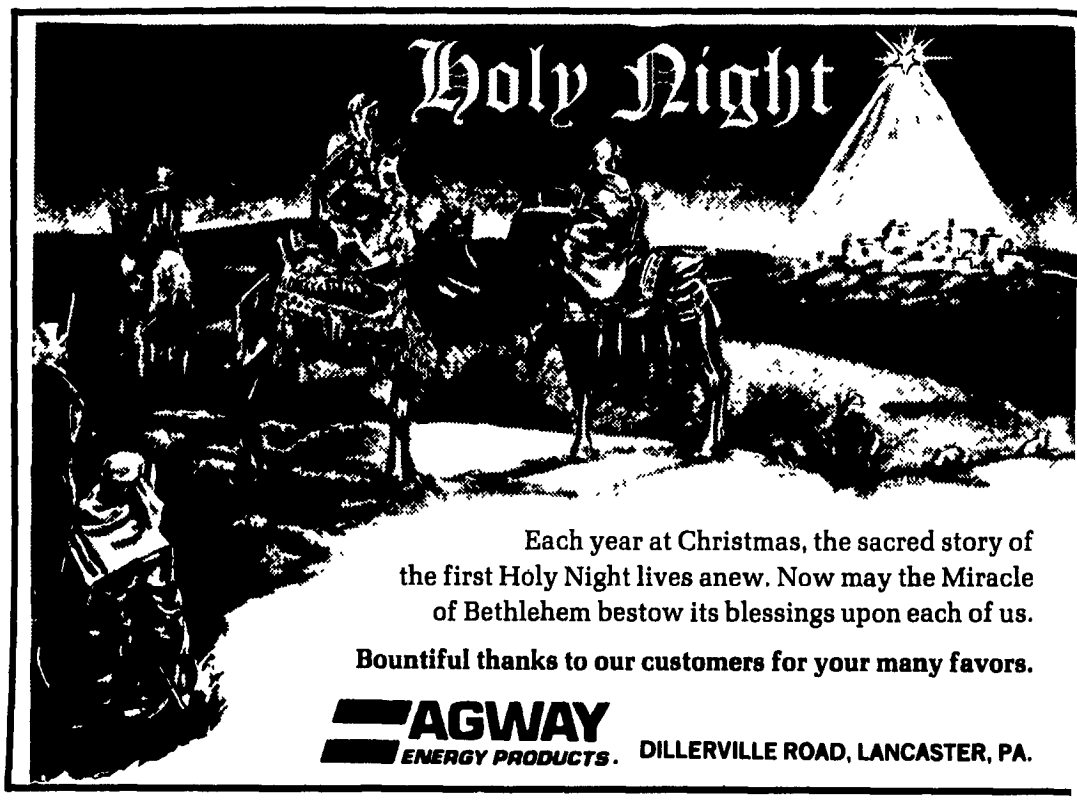
WASHINGTON, DC — Hundreds of entries in the National Grange art and photography contests were on display at the recent National Grange convention in Greensboro, NC. Selected best of show in art, adult division, was a drawing by Karen Jirsa, Missoula, Mont., and a poster, junior division, by Bridget Vaughan, Langsville, Ohio.

Charles Johnson, Asheboro, NC, took best of show honors in the photography adult contest and in the junior division, Ryan Baker, Columbia Falk, Mont.

First place winners in the talent contest were, vocal division, Kelly Hoch, Port Angeles, Wash.; instrumental, Don Offinger and Peggy Garrity, Norwalk, Ct.; and variety, Phil Palmer, Summerfield, FL.

Junior Grangers were recognized for achievement in creative writing. First place winners in various age groups were Craig Willuviet, Farmingdale, N.J.; Melissa Phelps, Basom, NY; Jonathan Gay, Wallingford, Ct.; Jeremy Schench, Union Springs, N.Y.; and Debra Ward, E. Livermore, Me. Thurmont Junior Grange, Rocky Ridge, Md., received top honors in Junior community service.

Community Junior Grange, Newport, Pa., was selected Junior Grange of the Nation and Debra Campbell also of Newport, Junior Leader of the Year.



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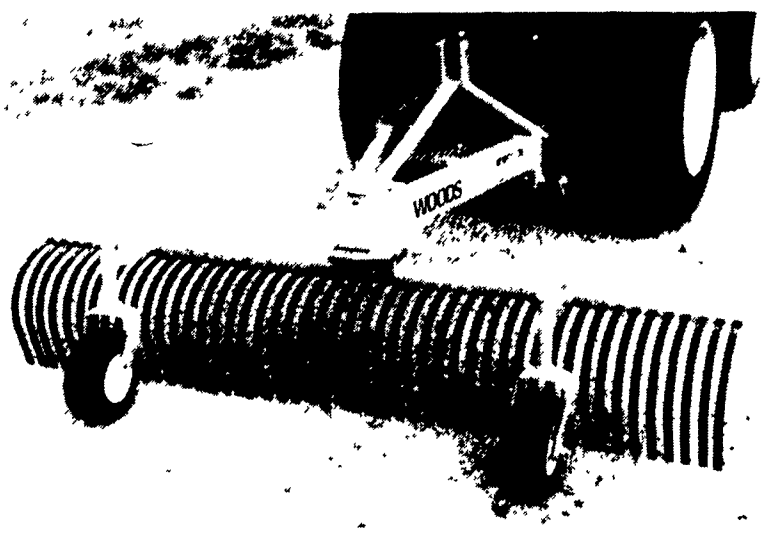

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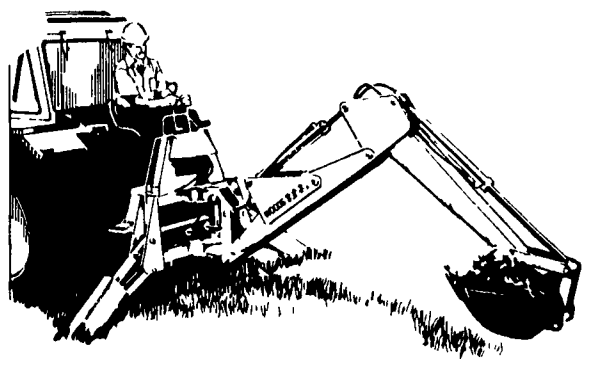

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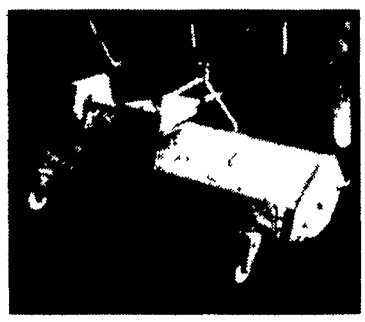

Model FM-72 — Flail mower with self-cleaning, airlift blades. Mows a 6 ft. swath. Dynamically balanced blade rotor.

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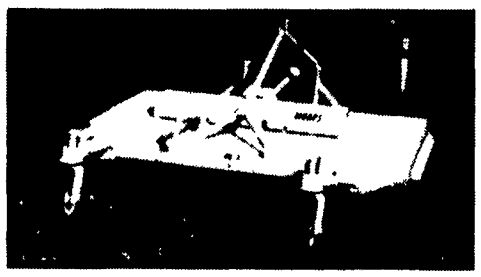

Model 121 — Twin-spindle, gear-driven mower cuts a 10 ft. swath. Offset model also available for orchards.

Model H-S105/106 — Hydraulic-drive ditch bank mower cuts 5 ft. or 6 ft. swaths. Cuts 90° up or 90° down. Ideal for drainage or roadway ditches.

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Soybean Farmers Pleased With GATT Ruling

ST. LOUIS, MO — U.S. soybean farmers are extremely pleased with the favorable ruling by a General Agreement on Tariffs and Trade (GATT) Dispute Settlement Panel reviewing a U.S. Petition against the European Community's (E.C.) oilseed and protein subsidies. The president of the American Soybean Association (ASA) said U.S. soybean farmers have scored a large vitory.

"U.S. soybean farmers have clearly scored an impressive win on the field of international trade," said Iowa farmer and ASA President Marlyn Jorgensen. "This decision by the GATT panel proves beyond a shadow of doubt we had a valid complaint against the E.C. oilseed subsidy scheme."

In December 1987, ASA filed a Section 301 unfair trade practices petition with the U.S. Trade Representative (USTR) claiming the E.C. oilseed and protein subsidy system had caused up to $3.5 billion in lost U.S. soybean and soybean product exports. The ASA petition also claimed the E.C. subsidies were in direct violation of a 1962 GATT agreement which allowed U.S. soybeans and soybean meal duty-free access into the E.C. In January 1988, the USTR accepted the ASA petition and proceeded with the complaint in th GATT.

"The E.C. is an extremely important export market for U.S. soybean farmers," said Jorgensen. "This decision is a very positive first step towards regaining valuable lost market share in the E.C."

Jorgensen said U.S. soybean farmers could lose up to $35 per soybean acre if a satisfactory settlement to eliminate or modify the E.C. oilseed subsidy scheme is not reached.

"We are pleased the U.S. government has continually demonstrated strong support of our original petition," said Jorgensen. "We will work with the USTR to insure U.S. soybean farmers' interest are upheld in this important trade matter."

New Catalog Available From Spraying Systems

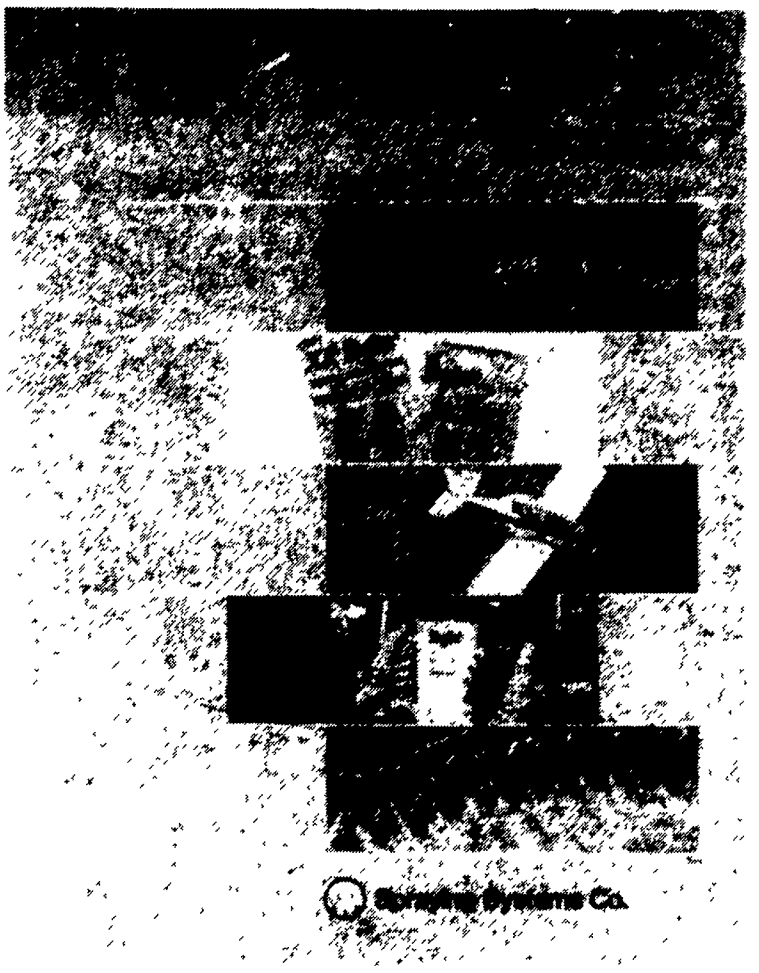
Wheaton, IL — Whether you are looking for spray tips, boom components, calibration accessories or just practical application information, pick-up the new TeeJet® Agricultural Spray Products Catalog.

Published by Spraying Systems Co., manufacturers of TeeJet brand spray products, the catalog provides a complete listing of spray equipment essentials. It also has in-depth technical information for proper sprayer calibration. Information about spray coverage, nozzle nomenclature, proper pressure, droplet size, tip wear and spray patterns is included. In addition, there is an easy-to-read chart for correct spray tip selection.

This year the catalog features Spraying Systems' TeeJet sprayer calibration kit. Designed to simplify calibration and ensure accurate application, the kit includes the TeeJet calibration calculator, step-by-step instruction manual, calibration container and tip cleaning brush.

Another new catalog item is the TeeJet pesticide safety kit. The kit is complete with nitrile gloves, face shield and PVC apron for eye and skin protection when loading and mixing agricultural chemicals.

To obtain the TeeJet Agricultural Spray Products Catalog, contact your TeeJet dealer or write: Spraying Systems Co., Agricultural Division, North Avenue, Wheaton, IL 60188.



The new TeeJet brand spray products catalog, published by Spraying Systems Co., provides a complete listing of spray equipment essentials.

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PSU's Curtis Wins National Award

UNIVERSITY PARK (Centre Co.) — Dr. Samuel M. Curtis, Penn State professor of agricultural education, is the 1989 recipient of the Distinguished Service Award, the most prestigious award given by the American Association of Teacher Educators in Agriculture.

A national award presented annually, the Distinguished Service Award recognizes superior contribution to the field of teacher education in agriculture, excellence in teaching undergraduate and graduate students, significant research in agricultural education, scholarly writing and service to agricultural education and vocational education.

His research accomplishments include identifying, counseling and teaching special needs students. After identifying competencies required to teach disadvantaged students, Curtis worked with faculty in the department of special education to originate and develop the course Vocational Education for Special Needs Students.

Since joining the Penn State faculty in 1966, Curtis also has taught in-service education courses for teachers of agriculture in farm management, undergraduate courses in teaching methods and graduate courses in research design, data analysis, foundations of vocational education, history of agricultural education and program development.

Curtis has helped numerous students who now hold prestigious positions in colleges, research groups and businesses. He has advised 35 master's and 17 doctoral students during his tenure at Penn State. "I've enjoyed all aspects of my career," he says. "But teaching is what I've enjoyed most of all."

After becoming head of the department of agricultural and extension education in 1980, Curtis has continued to teach at least one course a year. As department head, he has helped make the 27-faculty department into one of the best in the country. "I've made a career out of helping our faculty grow and succeed. One of the things that makes this award so satisfying is that it affirms that our department is among the leading ones in the country — this only happens when you have good faculty."

Curtis will resign as department head next June to devote more time to teaching and research.

Curtis is the second Penn State professor to receive the Distinguished Service Award in the association's 28-year history.

Sale Reports

LOCKCUFF ESTATE SALE

A Public Auction of antiques and collectibles was held December 16 for the estate of Margaret Lockcuff, 5 miles north of Linden, Lycoming Co., Pa. off Queneshockne Road.

Some prices included: bucket bench $200, cook stove $190, 1964 Chevrolet Biscayne 4-door car $1525, round oak table $660, 6 chairs $70 each and chest of drawers $500.

Fraley Auction Co. conducted the sale.

ALDERFER AUCTION

A Holiday Auction of art and antiques was held December 14 at the Alderfer Auction Co., 501 Fairgrounds Road, Hatfield, Pa.

The following oil paintings on canvas were sold: Ben Austrain (quails) $8300, Fern I. Coppedge artwork $12,000, Walter Elmer Schofield artwork $7200, Ernest Albert artwork $7000, Daniel Garber artwork $6000, toy wooden riding horse with original paint from early 20th century $1750, John Hagey tall case 8-day clock $5700 and Chippendale chair $2000 (needed some repairs).

Alderfer Auction Company conducted the sale.

THOMPSON & GALLO SALE

A Public Auction of furniture and antiques was held December 12 for Robert and Carola Thompson and Michael J. Gallo and others at the Gap Fire Hall, Pequea Ave., Gap, Pa. There were about 100 registered bidders present.

Some items sold were: oak sideboard $475, dining room suite $400, 2 bedroom suites $300 each, chest of drawers $225, small footstool $65, mantel clock $105 and oak commode $60.

Barr/Davis were the auctioneers.

YOUNKER SALE

A Public Auction of farm equipment was held December 15 by David G. Younker, 1 mile north of Bethel, Pa. along Route 501.

Some prices were: I.H. 856 tractor $7400, J.D. 4020 tractor & wheel $5550, Farmall 450 tractor $2250, silage wagon $3800, chisel plow $1725, disc $2100 and 1150 Hesston $4250.

Horning Farm Agency, Inc. conducted the sale.

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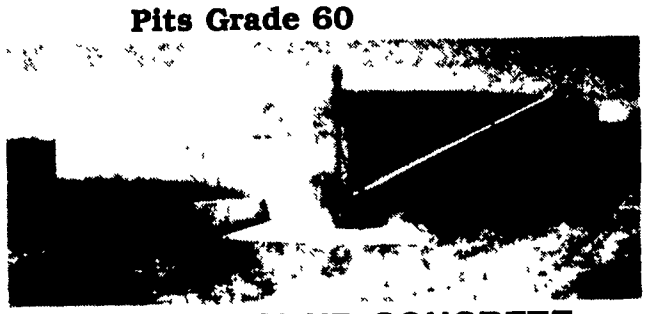

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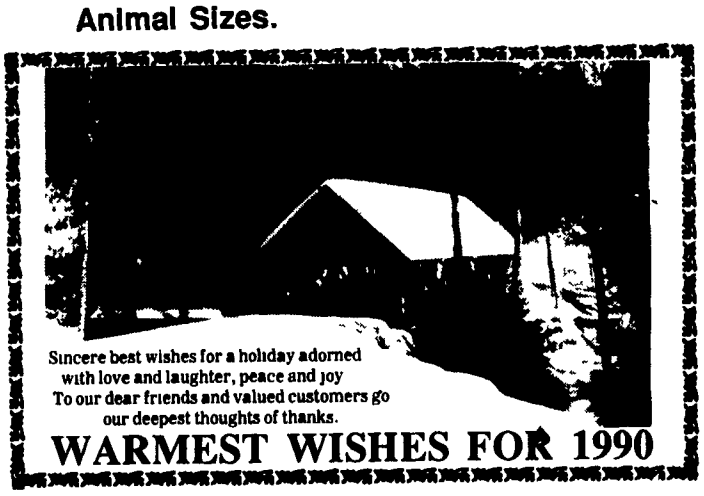

Sincere best wishes for a holiday adorned with love and laughter, peace and joy
To our dear friends and valued customers go our deepest thoughts of thanks.

WARMEST WISHES FOR 1990

SIZES AND LAYOUTS TO YOUR SPECIFICATIONS

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Sale Reports

MILLER'S STORE SALE

A Public Sale of real estate was held December 9 at Conowingo, Cecil County, Maryland.

The No. 1 parcel was an 11 site mobile home park at 213 Oakwood Road, Conowingo and it was sold for $176,000.

The No. 2 parcel was an 5.63 acre building lot, Parcel 335, Ragtan Road off Route 222 which was sold for $40,500.

The No. 3 parcel was a beer, wine and liquor store at 4170 Flintville Rd., (Md. Route 623) in Hartford County which was sold for $88,000.

Rigdon Auctioneers conducted the sale.

TRAINER SALE

A Public Auction of antiques and collectibles was held December 16 by Mary Trainer at the Andreas Fire Company Hall in Andreas, Schuylkill County, Pa.

Some prices received were: 13 foot oak chestnut and mahogany back bar with mirror and front bar with oak and walnut pillars $675, painted and striped convertible top doll carriage $925, spinning wheel $160, 1 horse one seat sleigh $440, quilt $245, toolware box $145 and brass cash register $420.

The auctioneer was Robert A. Arner.

MILLER SALE

A Public Sale of used furniture from a store was sold December 13 by Eli and Lydia Miller, south of Route 23 off Monterey Road on Miller Lane, Lanc. Co., Pa.

Some prices included: sewing machines $100 & $90, Empire bureau $180, Maytag washers $420, $350 & $345, 3 pc. bedroom suites $445, $410, $350 & $260, dresser $100, extension tables $170 & $55, breakfast table & chairs $95 & $65, beds $27.50, $52.50, $62.50, three 5' & 6' benches $27.50 each and 6 oak clothes trees $25 ea.

Steve Petersheim and Steve Petersheim, Jr. were the auctioneers.

MYER SALE

A Public Auction of real estate and shop equipment was held December 16 by Glenn Harold and Grace Myer, R.D. 2, Manheim, Pa. along Zink Road. There were 144 registered bidders attending the sale.

The 2 story log house on 4½ acres of land was sold for $117,000. It included a custom-built house with unfinished interior, 1970 Oxford mobile home and a 20 by 40 foot concrete block shop on the woodland property in Rapho Twonship. The property was purchased by Jay Haley Broich of Mountville, Pa.

Other prices were: metal scaffolding $250, band saw $1050, upright drill press $150, 8 inch joiner $500, belt sander $100, 18 inch Powermatic planer $1950, 2 wood lathes $150 & $130, 8 filing cabinets $50 each and oak lumber $450.

J. Omar Landis Auction Service and Jay M. Witman conducted the sale.

EPHRATA MOUNTAIN SPRINGS HOTEL SALE

The last of a series of Public Sales was held December 16 at the historic Ephrata Hotel, 320 E. Main Street, Ephrata. There were 295 registered bidders.

Some items sold included: 12 x 20 foot storage shed $725, set of 5 spindle-back chairs $190, western-style bed $160, church pulpit $200, electric organ $140, modern corner cupboard $145, drill press $80, table saw $75, wooden wheelbarrow $65, small oak table $85, pair of bar stools $70, 2 groups of spiritualist photographs and negatives $177.50 & $187.50, book about ghosts in pictures $37.50, Handel table light $62.50, floor lamp $57.50 and ironstone wash bowls $10 to $50 each.

The auctioneers were T. Glenn Horst, Timothy G. Horst and Thomas A. Horst.

TACK SHOP SALE

A Public Auction of tack shop inventory was held December 13 south of Red Lion along Route 74 in Brogue County, Pa.

Some prices were: 1987 Rice two horse trailer $3200, Western saddles $235 & $225, horse girths $10 to $18 ea., 50 bits $4 to $24 ea., pony saddle $50, English bridles & reins $23 per set, 40 pairs bridles & reins $5 to $46, foal halters $5, and horse brushes $2 to $5 each.

Bradley K. Smith was the auctioneer.

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A Versatile Economical Elevator
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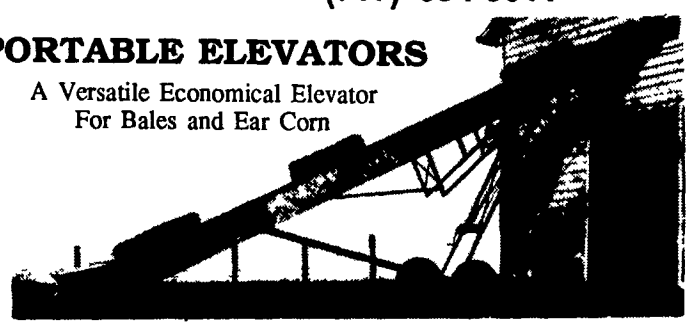

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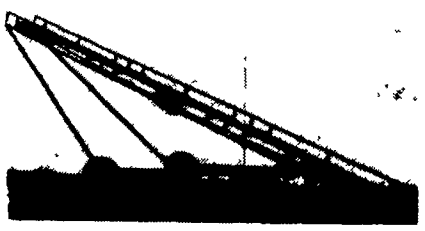
CONVEYOR SYSTEM



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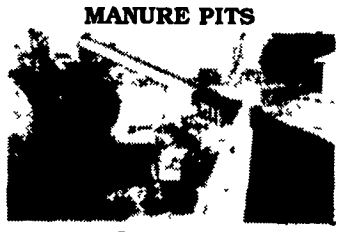
SYSTEMS FOR EMPTYING
MANURE PITS



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Wall Fan w/Hood & Painted Galvanized Cabinets

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- Slow-turning, 6-wing propeller fan is matched to a deep venturi frame for high volume air movement and smooth, quiet operation.
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May the meaning and the message of the first Noel rekindle your faith in His love. Merry tidings.

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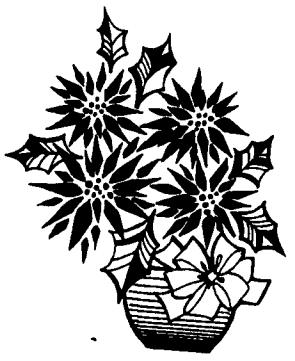
Growers Fertilizer Solutions Honors Maryland Customer

FOREST HILL, MD — Les and Celeste Edwards of Forest Hill, MD, were featured in the award-winning section of a national agricultural newsletter in December. The newsletter was published by Growers Fertilizer Solutions, a Milan, Ohio firm currently leading the effort to provide an ecologically sound plant nutrition system for farmers throughout the nation.

The Edwards won many county and state awards in the summer of 1989 using Growers Fertilizer Solutions for their crop's nutrition. They won grand champion overall at the Harford County Farm Fair with their sweet corn. In state competition, the Edwards won first place with their shelled corn, second place in field corn and third prize with their silage corn.

Growers Fertilizer Solutions, a completely biodegradable product, was developed by Dr. V.A. Tiedjens, former director of the Virginia Truck Experimental Station at Norfolk, Virginia. Dr. Tiedjens spent more than 30 years in fundamental research before perfecting the Growers nutrition formula. He is credited with being the nation's leading experimenter with hydroponic growth (plants which grow in a water based solution rather than soil) and is the author of the "More Food From Soil Science," a candid and oftentimes controversial discussion of growth requirements for plants and the damage which can be done to soils through the excessive use of granular fertilizers.

Growers Fertilizer Solutions, now with 35 years of commercial on-farm use, is credited with being the nation's leading developer of foliage fertilizers as well as pioneering the popular direct-to-the-seed application for field crops. Growers users experience consistently outstanding yield vs. cost results and are reknown for producing crops of the highest quality. Corn is commonly harvested with 58-60 pound test weights augmenting protein levels of 9 to 13 percent. Hay raised with the Growers Program often reaches the 23 to 26 percent protein levels. Higher quality crops translates directly into lower feed costs and healthier animals.



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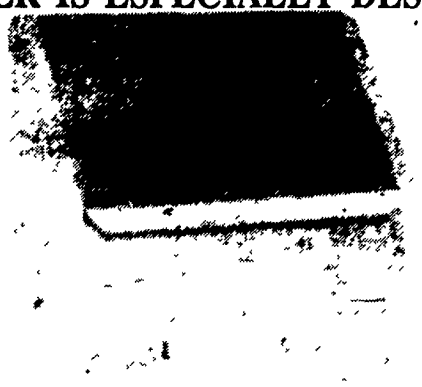

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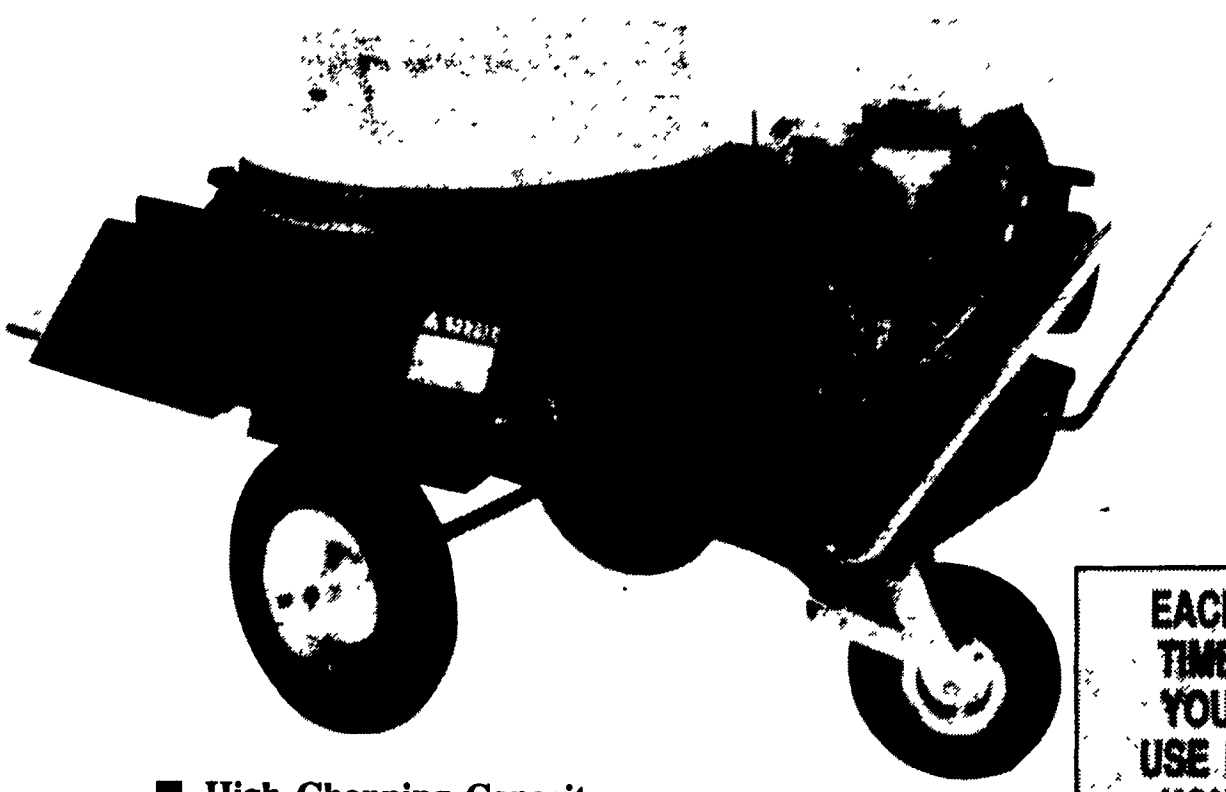

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4WD Backhoe Loader	57	$19,995
420 AN 4WD	57	$10,395
505	70	$10,995
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562 4WD w/cab	70	$13,679
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Owatonna haybine, used 1 season, $4500. 814-634-0919 after 6PM.

1986 Honda 350 4x4 ATV snow blade other extras like new. Lanc. Co. 717-665-3865.

Saddlebred carriage horse 9 yr. old., big, w/snap, but women can drive, ready for trips, $1000. A.M. Stoltzfus, 275 Rosedale Rd., Christiana, PA 17509.

Fence post $3 50 ea. Elec. stakes 40¢ ea. All cresoted. Franklin Co. 717-597-4494.

75' elec. cord for silo unloader. Also new blender w/air motor $95. Lanc. Co. 717-354-5696.

1986 250R 3-wheeler good cond. $900 OBO; 1 set elec. tail dockers $50. Cumb. Co. 717-243-7974.

New power angle blade for a JD tractor, bargain at $950 cash. Pike Co. 717-588-6350 eves.

Snowblower McKee 7' 3PT double auger in excellent cond. Franklin Co. 717-597-7565.

NI 324 2RW corn picker 326 8 roll bed $1400, Oliver #5 corn picker, AC table blower. Cumb. Co. 717-249-8355.

2 bottom trailer plow, rope trip, on rubber, good shape, needs 1 moldboard assembly, $35. 215-588-0198.

353 NH grinder mixer $2900, IH 784 tractor steel or rubber $4800. Lanc. Co. 717-733-0298.

Limited edition wild turkey print & mint stamp by world famous David Maass 1981 edition print #959 $300 OBO. Montg. Co. 215-489-6868.

2HP compressor new $225, kerosene heaters, snow pr. tires- Datsun 155 SR13 $25, small comp.- bad tank $25. 215-495-5470.

1978 Mack w/20' dump, & Richardton dump wagon. Lehigh Co. 215-298-2654.

Solar water heater w/ panels $350. Snowthrower for older Simplicity tractor $200, 87 Chevy Spectrum turbo 35K $4895. Northampton Co. 215-837-6454.

1952 2½ ton truck cab & chassis good tires runs $300; Remington 280 calb rifle w/3x9 scope $450. 717-275-4252, 672-2021.

JD snow plow 7'x2' $200; All Nighter wood stove brick lined, air tight $200. Berks Co. 215-926-5056.

Maytag wringer washer good working cond. $75; NI 3PT mower good working cond. $450. Lanc. Co. 717-354-7151.

Oliver Hart Parr tractor ran this summer but needs work. Aaron King, 155 Herr Rd., Ronks, PA 17572.

86 VW dsl. Golf, 2 dr., 5 spd., air, PS, am/fm, ex. cond., starts well in cold, new insp., $3850. Lanc. Co. 717-464-9551.

2-wheel wagon 4x6 newlt built $400, also kicker wagon approx. 18x14' Montg Ward gear $400 Bucks Co. 717-343-9061 after 5PM

Chain saw Remington PL5 19" bar $125; 2-lid woodcoal stove $60; 8' banquet table $50. Berks Co 215-682-2011.

Power lift gate, 3 truck PTO's & air dried 1" sassafras lumber. North'd Co. 717-286-1064.

2- 6 mo. old Yorkshire boars. Dillsburg area, York Co. 717-432-3555.

New leather jacket, gray, man's size 44. $50 cash only. 717-866-2702.

Amish buggy in good cond. w/hyd. brakes. Also standardbred horses. Aaron Fisher, 613 Georgetown Rd., Ronks, PA 17572.

Reg. polled Hereford heifer calves race & broker 6 mo. Potter Co. 814-2774-9128 after 8PM.

Katahdin hair sheep- a new breed of hair sheep that never requires shearing. Henry Licciardello, N.J.- 609-467-1165.

Snow tires P225 75R15 steel belted radial mtd. on Ford truck wheels nearly new $50 ea. Berks Co. 215-926-4731.

10 Holstein heifers breeding age. 301-637-4186 before 5:30AM or after 8:30PM.

1968 White COE single axle tractor, 250 Cummins, spun bearing, 10 speed excellent cab, $950. Bill Fletcher, Trumansburg, NY- 1-800-426-7981.

Stalls, gates, feeders, grates for double 4 herringbone milking parlor, $1500. Carroll Co. 301-262-9037 anytime.

Reg. Holstein bull 10 mos. old sire Thonyma Secret dam VG87 Mars Tony 24,190M 4.1%F 1000F. Can deliver, $700. 301-658-6325.

Dismantling AGG tractors w/tillers for parts or complete tractors for sale. Orange, NY. 914-726-4133 after 8PM.

Case 4WD straight frame loader, bucket & forks 6 cyl. Case dsl., eng. needs overhaul, best offer. Lacka. Co. 717-254-6302 after 77PM.

Purebred Keeshond pups, 6 wks. old, Jan. 2. Gideon Stoltzfus, Box 232-A Snake Hill Rd., Bird-in-Hand, PA 17505.

10 farrowing crates complete, $40 ea.; rye straw, oat straw, 1st cutting alfalfa, 2nd cutting alfalfa, won 3rd prize at Ag Progress, no rain. Snyder Co. 717-539-2558 eves.

Cook stove, Home Comfort, 6 plate, warm closet, water tank, oven, good cond. Franklin Co. 717-349-2417 eves.

Snow blower 80" wide 3PH category 1- $500; 60' #120 roller chain riveted new $500. Franklin Co. 717-597-3480.

V4 Wisconsin gasoline engines. Somerset Co. 814-445-5333 after 6PM.

Steel shelving used for 4'x2' pallets, appr. 18 sections, make offer. Chester Co. 215-286-5059- leave message.

Carousel horses, only 5 left, all are old, $1500-$3500. Child's farm wagon & sleigh. Lanc. Co. 717-569-0560, 569-5150.

Reg. quarter horses- ideal trail horses or show quality, starting at $1000. Buy now before 1990 price increases. 215-987-6887.

Antique barn- frame loom $500. Reg rug weaving strips 10¢/lb. Write: R. Eisensmith, 3270 Grandview Dr., York haven, PA 17370.

25KW PTO Onan generator, used only as standby, PTO shaft included. Berks Co 215-756-6842 after 7PM.

Dog house 40x24, insulated $8. Lanc. Co. Lloyd H. Martin, 1075 Red Run Rd., New Holland, PA 17557.

2 belt driven hammer mills $50 ea., Sauder manure loader for Ford or Ferguson tractors $125. Wash. Co., MD. 301-797-3321.

Wash machine Honda engine & bracket mount like new. We went to air. Moses Huyard, 592 S. Kinzer Ave., New Holland, PA 17557.

79 Ford super cab F250 $800, rear mtd. wood saw & belt pulley for 8/9N Ford tractor $150. Cumb. Co. 717-766-1205.

Nice mixed hay, no rain, $140/ton. Lanc. Co. 717-627-1598.

4 8-19.5 truck tires, 1 900-16 tire & 16.5 tire, all like new. Berks Co. 215-582-4434.

Pickup truck cap for small pickup w/long bed $100. Cumb. Co. 717-766-3665.

AQHA 4 yr. old gelding Palamino quiet $1500. 5 yr. old Appaloosa mare quiet $700. Fred. Co. 301-829-0307.

10 stained antique glass windows 20"x48" $1200. Kent Co. 301-778-5308.

20, 3-5 wk. old guinea pigs, longhaired & shorthaired, all colors. Lanc. Co. 215-445-4382.

Rabbit cages 30x30x18 stacking kit, pans, slides, water bottles, holders, screen bottom feeders, good cond., $28. Lanc. Co. 717-665-4350.

Prepare for a hard winter! 9' Vee snowplow, like new cond., excellent for farm tractor loader, $950. York Co. 717-292-3030.

2 reg. Belgian mares, 1 light sorrel, 1 red sorrel 3 yrs. over 17 H. Potter Co. 814-848-7915.

Amish buggy, new gumblanket, new carpeting, hyd. brakes, $1100. Samuel L. Stoltzfus Jr., 401 Cheek Rd., Oxford, PA 19363.

Railroad clock- Seth Thomas, runs good, originally from Cape May Station. Camden Co., NJ. 609-728-8338 after 6PM.

JD FBB 15 disk graind rill $800. Also Brillion 5 tooth tool bar $500. Berks Co. 215-682-7874.

1978 AMC Concord 4 dr., exc. cond., no rust, $795. Also 2 parts cars- 1 40,000 mi. Dau. Co. 717-545-2086 eves.

1952 8N Ford tractor 3PTH heavy duty front end loader w/dirt & manure bucket, all hydraulic, new tires, $3000. Monroe Co. 717-992-2963, 992-2854.

2 yr. old female reg. Dalmation, good w/children, housebroken, $50; w/ papers $100 717-865-3312.

38' Little Giant elevator PTO or elec. drive, IH 720 harvester w/hay & corn heads. York Co. 717-235-2380.

Ford van straight jobs, 1950's Chevy pickups, panels, & other trucks, flatbed trailers, potato grading equip. Sch. Co. 717-647-2623.

1940 Chevy 4-door sedan, 1940 Ford 4-door sedan. Northampton Co. 215-588-8131 after 7PM.

Plows & cultivator- too bar for vac Case - not Eagle hitch. Wach Co., MD. James H. Moss, 301-293-7830 between 6-9PM.

4 steel beam 4"x14" 26½' long 6" lip on ends bar joists. Harold Wenger, R#1 Box 167, Port Treverton, PA 17864.

AC HD11 engine good cond. $1750; BE 20H hyd. excavator $5100; GMC 6 wheel dump 427 V8m 5&2, air $2500. Cecil Co., MD. 301-378-2785.

Used brick & PA graystone- large quantity you haul. Lanc. Co. Dennis- 717-393-2992.

5 10' silo-matic feed tubes w/augers used short time. York Co. 717-432-3659 after 5:30PM.

Bolens Model 1000 10HP Wisc. w/snow blower, direct drive w/chains, can deliver, $375. Chester Co. 717-459-9451 after 6.

1989 Moritz gooseneck trailer 24' hauling deck, less than 3000 mi. on trailer w/heavy duty 22,500 GVW axles. 717-762-7406.

1979 CJ7, new Edelbrock, Holley, Hedman, gauges, radiator & more. Needs paint. $1800 or tractor trade. Adams Co. 717-334-0109.

1965 Plymouth Belvedere 6 cyl. auto. 30,000 mi. 4 dr. $1695. Cambria Co. 814-344-8447 after 4.

New flywheel ring gear for D4 D6 Cat $50; piston ring set for starting motor D2 D4 955 $20. Dau. Co. 717-566-0832.

Air mailers & nails batteries air motors bathtubs gas water heater rangeboilers tools 10% off from now til Jan. 1. Ben Beiler, 134 Black Horse Rd., Paradise, PA 17562.

AC 6' scraper blade $200; Oliver wheel rake $50; Oliver 2RW 3PTH corn planter $50. Warren Co., NJ. 201-454-0237.

4- 50 lb. Boumatic milker buckets dumping station larger glass receiverjar; also 2 new tire scrapers. Leb. Co. 717-949-3659.

Batteronic van truck low mileage, all elec., $1200. Wash. Co., Md. 301-582-4624.

Int. 24" backhoe bucket w/ pins $300; Ford 2600 tractor w/loader like new $9000; Vermeer 18HP chipper $3500. 215-358-0725.

Dalmation male, 5 mo. old, $200 OBO. Lanc. Co. 215-445-6825.

Heavy duty Valk 10' power angle snow plow complete mounting frame, brackets 12V pump & controls, $800 OBO. 717-647-9124.

AKC Shetland Sheepdogs, Skelties pups, 1 tri-colored female, 3 sable males, champion lines. Have both parents. Leb. Co. 717-867-2863.

2 ton straw $120/ton picked up at farm. Lanc. Co. 717-626-6517.

Silver Springs Fla. Ocala Forest 16,000 sq. ft. lot, 864 sq. ft. 2 bedrm. bath to settle estate. York Co. 717-927-6232.

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And A

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★ 20 GASOLINE ENGINE 2 TON CARTS

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1 acre approved beautiful country lots storage avail. for 1700 bushel soybeans 3000 bushel ear corn. S. Chester Co. 215-932-2453.

Oats- can deliver; JD 4-16 semi mt. plow, 1941 dia-T truck runs, 2 1952 dia-T trucks. Monroe Co. 215-381-3043.

12HP Kohler engine used, good cond., $500; snow tires on rims for Toyota pickup $100. Bucks Co. 215-757-6667.

Spring wagon 12 volt lites new paint $600. Samuel K. Stoltzfus, 5125 Peters Rd., Kinzers, Pa. 17535.

Tire chains for 8N or T020 $100, flue heat reclaimer for oil furnaces $100 & stat & fan. York Co. 717-927-6564 eves.

Steel frame saw buck w/flat pulley & 30" blade good cond., $75. Dau. Co. 717-896-8349.

Reg. border collie puppies both parents working on farm 18 mth. old reg. female started on sheep. Cambria Co. 814-344-8659.

Large size Columbian cook stove top not worked, $300 or best offer. 717-292-1960.

AKC white poodles ready to go Jan., Chihuahuas- 7 wks. old ready to go, AKC chihuahuas 8 mo. old. Lanc. Co. 717-665-4537.

2'x7' blade suitable for skid loader, 1986 Chev. Cavalier 49,000 miles, 5 spd., one owner, excel. cond. Col. Co. 717-925-6607.

4 row danishtine cult. $895, field cult., $375, 4-16" plow $895, 70 HP tractor good cond., $7,975. Lanc. Co. 717-665-5195.

Small rabbits, cute 5 wks. old, excel. christmas gifts. Aaron E. Glick, Jr., Box 195, Montery Rd., Bird-in-Hand, Pa. Lanc. Co.

Ice skates, leather very good quality various sizes, GMC van seats, Lanc. Co. 717-684-6680.

Early 1939 9N Ford low serial number restored nice new front tires 80% back. Schuyl. Co. More information call 717-739-4592.

AKC Shih-Tzu, 10 mth. old male, brown black & white, shots wormed, $150. Lanc. Co. 717-529-6692.

1 ton newspapers in bundles. Whatever they are worth. Miles Hartman, 504 S. York Rd., Dillsburg, Pa. 717-432-5515.

65 acres corn stocks in field make offer. Juniata Co. 717-734-3484 after 6 p.m.

Cardinal junior elevator 16' w/4' ext. $75. York Co. 717-259-0448 or 259-7064.

10 hole cast iron btm. papec hog feeder, JD low pressure cyl. & heat houser for 3020 etc. York Co. 717-637-0589.

1977 GMC ¾ T 4WD 400 cyl. A PB PS flatbed good farm tk., $675. Montg. Co. 215-287-7543.

Baby yellow male canary gorgeous $35, cage $5, also dolls & teddy bears, toy & collectibles cheap! Cumber. Co. 717-486-3443, 11 am-11 pm.

Printers type cases, in good cond., $5 ea., 60 available. Schuyl. Co. 717-366-1227.

1937 1950 Dodge cars, radiators, wheels, parts, 1984 Chevy custom van, trade or sell for good cab pickup truck. Berks Co. 717-933-8303. Irvin F. Clay, PO Box 82, Mount Aetna, Pa. 19544.

Hot water furnace, oil burner, circulating pump controls tank stove pipe make offer. Montg. Co. Silver Spring, Md. 301-622-1354.

IH 460 FH 3½ btm. plows, scraper blade, carrier, PTO pump sprayer, seeder, JD disc, $3150 good cond. Franklin Co. 717-349-2325.

Used Elam M. Stoltzfus liq. manure spreader 2 reg. red & white holstein bulls, breeding age, dams over 20,000 milk. Jonas B. Lantz, 408 Hess Rd., Leola, Pa. 17540.

Roto-hoe model 969 snow thrower attach. will fit 5 HP or 8 HP power unit, excel. cond., $150. Lanc. Co. 717-354-0012.

Reg. Morgan A man's horse needs lots of driving, broke to ride $1175. Lanc. Co. 717-768-8907 5-7 p.m.

Snow blade for late model cub cadet 54" hydraulic angle like new $250. Bucks Co. 215-683-3748.

Black lab retriever puppies, shots & wormed, $95. Daniel H. Kinsinger, R1 Box 254 Salisburg, Pa. 15558. Somerset Co.

300 bushel of good oats, price negotiable, pick-up at farm. Cumber. Co. 717-249-4629.

Harvester silo 20x60 w/ unloader, will sell separate, needs to be moved priced for quick sale. Chester Co. 215-269-3442.

Nice stainless steel Acme juicer $.85 try before buying new waring food dryer $.40 can deliver. Lanc. Co. 717-653-5332 morn.

Reg. Longhorn cattle, bull, few heifers, few cows exposed to fullblood salers bull- due in Spring. Berks Co. 717-865-5239.

Goliath unloader for 20' silo, grain or forage unloading, 635 hrs., very good cond. Dau. Co. 717-362-9127.

JD model G wide front- for restoration, large metal lathe by Acme machine co. best offer. Col. Co. 717-799-0139.

NH supply co. Winross truck, Berks Co. 215-589-5533.

DeLaval milker unit 55 lb. pail vacuum pulsator small claw good shape extra parts $275. Lanc. Co. 717-786-2882.

Fine swine: tender young home-raised hogs 500 lbs. whole or side, live or dressed, geese, rabbits. York Co. 717-927-6823 eves.

Tractor chains fit 750-24 $25 & 13-38 $45, VAC case culti. like new $20. York Co. 717-235-2032.

Heavy cast 12" jointer new bearings, machine in very good cond., $700. Wash. Co. Md. 301-223-6815.

Choice Shropshire ewe lambs, yearling rams, aged ewes, wormed, hoof trimmed, injected over-eating disease, ideal xmas gift. 717-949-3653.

Nice Jersey heifer from family cow, due to calve May 30, $600. York Co. 717-757-2209.

Hay for sale, good alfalfa $190, pick-up exit 30 I-80, also straw & mulch, baler 14T JD. 717-865-5731.

Holsteins 1st, 2nd, 3rd, calf good udders soon to freshen $900-$1000. 717-263-5702.

1985 Ford van E250 cargo type, HD, 351 AT, PS, new snow tires, $3,250. North. Co. (Easton). 215-252-3812.

14.9x28 tire chains, 2½ x8 JD hy cyl. mounting brackets for Sauder loader & bumper hitch for Ford 801. Dau. Co. 717-921-2852.

3- 9.50 16.5 8 lug Chev. truck wheels, $20 ea. Chester Co. 215-593-6205.

2 Suzuki 185 4 wheelers, 1979 King 2 horse trailer ex. cond., JD snowmobile 340 trailfire. Lanc. Co. 717-627-1210.

Bolens snow blower fits Bolens tractor vg cond., $200. Lanc. Co. 717-626-5034.

Used 20' Berg. barn cleaner chute w/cow units. York Co. 717-292-6668.

430 JD w/manure loader $2,500, Also 1971 Ford dump $2,100. Adams Co. York Springs. 717-528-4969.

1966 Ford 500 15,000 GVW 7'x12' flatbed $1000, Snyder Co. 717-539-2663.

Boxer puppies, fawn w/ white, 6 wks., shots, wormed, $175, also 2 pygmy goat doe kids $150. Dau. Co. 717-469-0126.

Belt pulley for Int. cub $50. Carroll Co. Md. 301-374-6531.

2-F30 36" wheels, 2-F30 tractors "Millville" hot air stove, snow plow for cub cadet tractor, good. Col. Co. 717-799-5306.

Set 12x28 tractor chains quick sale $50, also Int. cub 100 4' mower, & snow blower for parts. 914-457-3946.

Boar hogs, 2 home raised, good price, white 5400 no-till corn planter liq. fert. monitor $1500. Leb. Co. 717-272-5089.

Purebred charolais cow & a charolais/simmental cross heifer, 15 mos. well-bred healthy happy animals. Berks Co. 215-582-4763.

Cord wood saw 3 pt. PTO drive $75, also saw mill, M-14 bellsaw $2,500 call 9 p.m. Atlantic, N.J. 609-561-7623.

Deutz 3006 1130 hr., excel. $6100, MF 510 combine 1975 hydro motor rebuilt nice $7800 prices firm. Lanc. Co. 717-733-7069.

16' wagon bed, bale thrower sides, 1 side damaged. Chester Co. 215-286-9467.

1½ yr. old reg. Hampshire boar 350 lbs. $200. Perry Co. 717-582-8256 after 5 p.m. or weekends.

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Oliver 74-H 2 row mounted compicker for parts. Montg. Co. 215-723-6169.

JD 350B crawler loader w/ backhoe, good cond., diesel, runs good $9,500 or best offer. Chester Co. 215-869-4421.

1922 White tk. in restorable cond., has winch extra engine trans. & parts $2500. 301-849-8455, call between 8-9 night AAC Md.

1979 Oldsmobile cutlass supreme 2 door good cond., garage kept 74,000 miles $1895 OBO. Lanc. Co. Will be sold. 717-285-5208.

Pair R-235x15 general studded snow tires on Ford 150 truck rims, like new $75. 717-386-3541.

Cattle ft. trimming stall $200. 717-756-2757.

Farmall 340 tractor fast hitch, IH 401 harrow 12', 275 gal. skid tank, IH model 78 cult. Schuyl. Co. 717-889-3197.

Grade holstein heifers & springing cows. Berks Co. 215-589-5394.

Wood-E2E firewood processor $4500 w/power-unit & conveyor $6500, 1968 Int. pump truck 12' bed $1800. 717-768-7005.

Locust posts 3x5x7½, $4.25, Fox S.P. harvester needs motor work $700, 2000 Poulan chain saw like new. Cumber. Co. 717-776-7083.

Nu Pulse milk meter, Heyer letter graph spirit duplicator model 82 used a few times $250. Leb. Co. 1-717-865-0529.

2 Little Augie mixer wagon's w/scales 1 gooseneck dump trailer 16' body grain. Perry Co. 717-789-4161.

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Keenco egg grader $50 BO, NI No. 212 PTO manure spreader, good cond., $1000. Balt. Co. 301-357-8466.

Palomino Qtr. horse gelding 15.1 hands. Carroll Co. 301-857-4639.

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Open buggy w/brakes $1100, Mark II chicken fountains, Lanc. Co. Henry K. Beiler, 814 Vintage Rd., Christiana, Pa. 17509.

3 DeLaval milkers good cond., w/big claws, 55 lb. pails $330 ea. or best offer. Amos K. King, 879 Eshleman Mill Rd., Lanc Pa. 17602.

Dump wagon hydraulic $445, elect. golf cart $345, JD transport disk 12' $695, flatbed wagon 18', $450. Lanc. Co. 717-656-7270.

S.A. Woods tilting circular re-saw currently producing bevel siding, Rockwell variable speed wood lathe, warm morning cold heater, new cond. Otego, N.,Y. 607-433-2681.

Black ponies 13.2 rides & drive also 5 ponies ride & drive, new blankets other tack haling done. 717-442-9026-442-4969.

2 farm show prospect club calves born 6-89, angus chianina limousin X-steers. Ollie Bennett. 301-489-4934.

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AKC siberian huskey breeding stock, also AKC cocker spaniel breeding stock. Franklin Co. 717-532-3278.

Standardbred carriage horse standardbred buggy horse both trotter & both gelding 4 yr., 7 yr. 215-445-5796.

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1981 AC corn planter GR.30, plate units, liq. fert., insect. monitor, good cond., $2500. 215-838-7271.

1 new goodyear viva radial P235-15 $20, Lanc. Co. 717-859-4143.

MH 44 on steel $450, 34" band saw $450. Lanc. Co. 215-445-4336.

830-D, 820-D, pony start excel. 435-D, LI w/mower, 440 w/loader as is. Lanc. Co. 717-733-6319.

NI 215 manure spreader, 17' bale wagon, small air comp. Schuyl. Co. 717-345-8815.

BN184 Badger lagoon pump, hyd. operated good cond., Lanc. Co. 717-627-0009.

IH 710 spring reset plow 4-16" $1850, NH 790 manure spreader, hydraulic liq. tailgate extra top beater, $2000. Martin H. Good, 166 Reading Rd., East Earl, Pa. 17519.

Med. size saddlebred broke traffic safe ok. ready for work 3 yr. nic tame $800, Lanc. Co. 215-445-6067.

990 haybine, broken btm. roll, new knifebar, 2 new belts, $350. Dutchess Co., N.Y. 914-855-1217.

5 antique Ford trucks 1951 ½ ton still driven inspected 10/90, 1951 restorable, 1949 4 spd. flatbed orig., 2/1949 for parts. Leb. Co. 717-949-2195.

207 Hawk bilt spreader almost new flail chains $300, NI 213 spreader $325, NH 310 baler $1900. Lanc. Co. 717-653-5926.

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Owatonna No. 95 grinder mixer used regularly $700. Lanc. Co. 717-426-3737.

5 yr. old standardbred family horse trotter. Reuben F. Esh, 3812 E. Newport Rd., Gordonville, Pa. 17529.

Int. fast hitch 2 btm. plows, sickle bar mower, cults. for Super-C, fireplace heatilator. Mont. Co. 215-679-3029.

Cub Int. w/plow disk cult. planter $2200, Ford jubilee w/power steering & loader $3000, JD #30 2 row digger $750. Robley J. Fletcher, RR 1 Box 44, Horsey, Va. 23396. 804-824-3079.

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Cabinet for sewing machine in good shape, David N. Shelter, Avoca, N.Y. Rt. 1 14809.

Used chain link fencing reas., also 3 cutting alfalfa hay. Cecil Co. 301-658-4213.

Old gas stove w/oven on side or under burned like Glenwood. All cast iron, they are white. J. Waring Stinchcomb, 2613 Brooks Drive, Suitland, Md. 20746.

JD No. 10 side mounted sickle bar mower for JD 530 tractor. Augusta Co. 703-942-9268 eve.

Old paintings of animals, also other subjects, send photo & description to Arthur PO Box 143, Bay Head, NJ. 08742.

JD 330 & 435 tractors, any cond. Berry Farms, Genoa, N.Y. Cayuga Co. 315-497-1476.

Double wide mobil home, 3-4 bdrms. & in very good cond. Carroll Co. 301-262-9037 anytime.

Amish buggy, in good cond. Sarah S. Stoltzfus, 1867 Kirkwood Pike, Kirkwood, Pa. 17536.

Antique Case all wood threshing machine, stationary baler w/feeder, PTO assembly for Case combine. Herb Wessel, Carroll Co. 301-374-2273.

Chain saw for parts, or running Stihl, Echo, or Skilsaw, also tablesaw without motor, P.O. Box 92 Intercourse, Pa. 17534.

8' pickup cap & liner, arc welder, cutting torch, AKC German shepherd puppy, free kitten, Leb. Co. 717-865-6053 anytime!

MF or JD or AC combine with 10 or 12 ft. header, must be in good condition, shed kept. York Co. 717-993-2309.

Pony, young medium size to pull 2 cart. Columbia Co. 717-799-5521.

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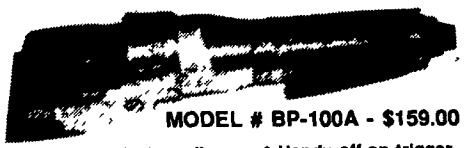

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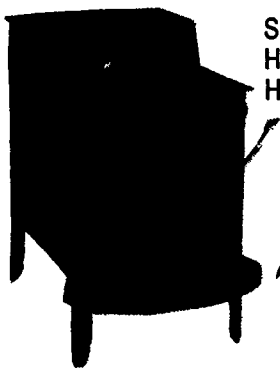

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Brown milk bottles, limb chipper for large branches, electric winch for truck, chain block and tackle. Lanc. Co. 717-872-5263.

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Backhoe attachment and loader to fit Massey Ferguson Super 90 or backhoe running or in need of repair. Sch. Co. 717-754-7812.

Used snowmobile parts for 1970 Moto Ski (Capri) Gas tank, hood, etc. Montg. Co. 215-679-2092.

Jamesway window & Show Ease comfort stalls. Lanc. Co. 215-445-7132.

Orig. knickerbocker, annie & andy dolls, also antique beaded or mesh purses good cond., women's antique hats. Montg. Co. 215-368-1021.

16-9 28 tractor tire in useable cond. For Sale 2000 gal. tank spreader, $1200. 215-683-9596.

12'x8' grain dump body reasonable shape & price for sale 10' Oliver disc, Oliver 4 btm. plow. Leb. Co. 717-949-2107.

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90-130 HP tractor in good cond., also 5 btm. auto reset plow 16 or 18" btms. also med. size combine. Indiana Co. 814-749-0879.

Farms in Lanc. or Western Chester Co. Prefer farms that are suitable for Amish. Bill Hiest, 215-345-0946 anytime.

AC CA radiator, Meyers electro-lift pumps, small vertical milling machine or horizontal-vertical type.

14" 1 btm. plow on category one 3 pt. hitch. 301-447-6865.

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AKC Pomeranian/dogs for breeding small dogs preferred. Franklin Co. 717-532-7582.

Persons over 17 to help in apple processing plant & orchard chores, Ephrata area, Lanc. Co. 717-733-6474.

Gas tank & manifold for 10-20 McCormick Deering tractor. Litchfield Co. Conn. 203-364-5873.

Milk sputnik, state cond. & price, also McCullough chain saw for sale, 14" bar, $135. Benuel Jay Allgyer, 645 Mt. Vernon Rd., Gap, Pa. 17527.

580 Case or 310 JD diesel backhoe & loader. Adams Co. 717-624-2881.

Used gears for JD 7' & 5' rotary mower rousing for 6' Bush Hog RN PH Kranich. Montg. Co. 215-275-1257.

Catfish and/or trout for farm growing pond, call or write 609-728-2456. Royal Acres Farm, Rt. 3 Box 183, Williamstown, N.J.

JD Luc engine riverview repair Box 666 RD 2 Liverpool, Pa. 17045, Snyder Co.

Forklift attachment for JD #146 loader, also wanting single chain bale elevator. Berks Co. 215-689-5361.

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Buying loose haying tool's for my collection. Haymon Fork's, carrier's, knives, mfgr.'s, catalog's, advertisements. Write Robert Rauhauser, Thomasville, Pa. 17364.

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Water Ram new information booklet. Send $10.00. G. Kotula, 3037 Merritt, Reading, PA 19608-1013. Falling water down hill to ram pushes water up hill.

1990 Pa. countryside almanac- calendar, history, weather, gardening, fascinating, $6.95 postpaid, prompt shipment. JE Smith, RD 1 Box 54, Blain, Pa. 17006.

For Rent 1 acre parking lot stoned 4 mile South Carlisle, Cumber. Co. zoned industrial commercial $150 per month. 717-486-7186.

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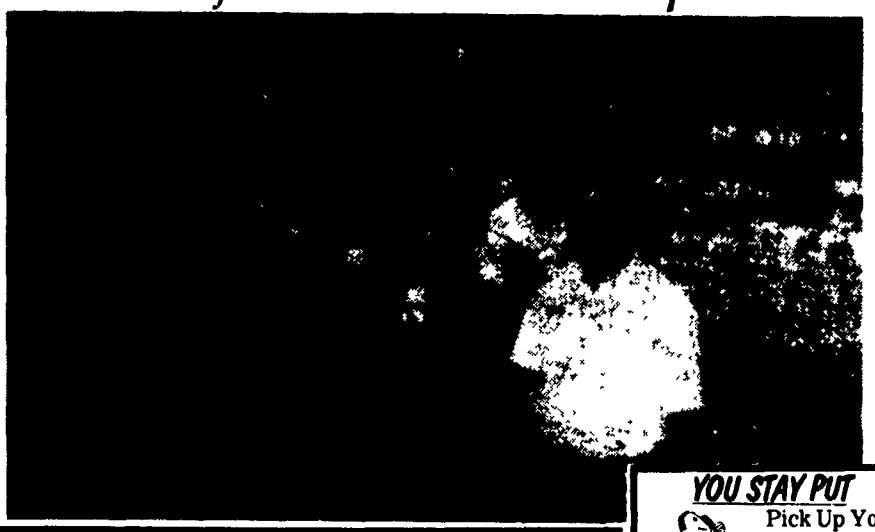

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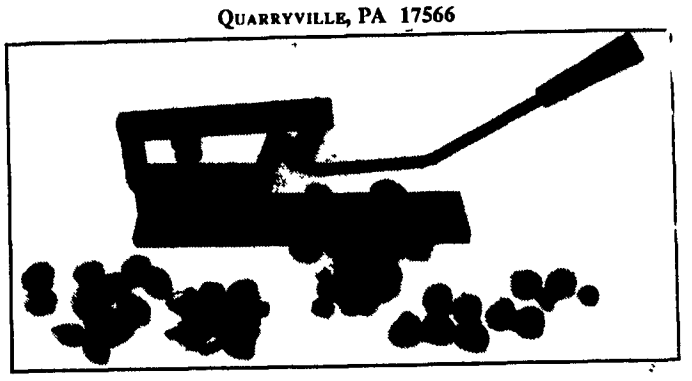

(1) Walnut Cracker	$24 00
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Total	$28.62

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Limit your advertisement to 20 words; area code must be added to phone number or ad will not be published, and, due to repeated requests, please include your county for buyer and seller convenience, all advertisements must be mailed to the office by Monday or same will be held over for next week's paper; no business ads accepted.

Include your Lancaster Farming mailing label and mail to:
Mailbox Market
Lancaster Farming
P.O. Box 609
1 E. Main St.
Ephrata, Pa. 17522
No Phone Calls Please

Lancaster Farming *Subscription Service*

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Check the proper box and fill in your name and address. Attach your check, $12.50 per year or $23.00 for two years in PA, MD, DE, NJ, NY, OH, VA and WV. (All other areas - $25.00 per year, $48.00 for two years.) Payment must accompany order. Allow three weeks for delivery.

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Monday, Tuesday, Wednesday & Friday, 8 a.m. to 5 p.m.; Thursday 7 a.m. to 5 p.m.

When writing us about your subscription please attach your Lancaster Farming mailing label here and mail the whole form to:

LANCASTER FARMING,
P.O. Box 609, Ephrata, Pa. 17522
Phone: 717-626-1164 or 717-394-3047

PLEASE SEND LANCASTER FARMING:
(Check Appropriate Boxes)

- ☐ $12.50- 1 YEAR
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- ☐ $48.00- 2 YEARS

☐ NEW SUBSCRIPTION ☐ RENEWAL

NAME_____

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CITY_____ STATE_____

ZIP + 4_____ COUNTY_____

NO REFUNDS

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

DECEMBER

TUES. DEC. 26 - 12Noon, Bally Walk-In Freezer, SS Food Service Equipment and other Kitchen Items, located SE of Reading at the Jacksonwald School, along Rt 562, 2 mi. E. of JCT. of Bus. Rts. 422 & 562, or 6 mi. W. of Yellow House, JCT. of Rt.s 662 & 562, Exiter Twp., Berks Co., Exeter Township School District, owners, John D. Frey, Aucts.

WED. DEC. 27 - 11AM, Charles Hamsher Milking Herd and Produce Auction, Dansville, (Livingston Co.) New York, Pirrung Auctioneers, Inc , Aucts

WED. DEC 27 - 12Noon, 3.148 Acres Commercial RE, Historic Dwelling, Store Building, Antiques, Store Fixtures, located in Hinkletown, along Rt. 322, approx 2 mi. E. of Ephrata, Earl Twp , PA, Daniel Thomas Dougherty, owner, T. Glenn Horst and Sons, Aucts.

FRI. DEC. 29 - 10AM Sharp, Year End Inventory Reduction Sale at 4060 Lake Ave., Rt. 78, Lockport, NY, Niagara Ford New Holland, Inc., owners, Fred Goodrich and Blaine Rentzel, Aucts.

FRI. DEC. 29 - 11AM Sharp! Dairy Herd & Farm Machinery,(65 Head Holstein Dairy Cattle), at Kling's Sale Barn, located 15 mi. N. of Carlisle on Rt. 74, 2½ mi. NE of Landisburg, Perry Co., PA, Earl W. Ocker, owner, Kling's Auctions, Inc., Aucts.

FRI. DEC. 29 - 12Noon, 104 Acre Farm Plus 2 Houses, 4 mi N. of Fogelsville, turn off Rt. 100 onto road toward Kempton, approx. 1 block turn right onto Gruber's Rd. to 2nd farm, Lehigh Co., PA, George S. and Elsie M. Gruber, owners, Ralph W Zettlemoyer Auction Co., Inc., Aucts.

FRI. DEC. 29 - 4:30PM and SAT. DEC. 30 - 9:30AM, Two Day Auction, Antiques, Ironware, Susquehanna River Decoys, Country Store Equip. & Adv , Coins, Watchmakers, Auto and HH Goods, located at the Brickerville Fire Hall just off Rt. 322 W. of Ephrata in Village of Brickerville, Est. of Fred Williams and Est. of Harry B. Wittle and others, E. M. Murry Associates, Aucts.

SAT DEC. 30 - Show at 9AM, Toy Auct. at 5PM, at The Farm and Home Center of Lancaster, PA, off Rt. 72, near Jones Pontiac, close to Park City Shopping Mall, Farm Toy Show and Public Auction, Dale Stoltzfus, Auct.

SAT. DEC. 30 - 9AM, Tractors, Trucks, Orchard & Farm Machinery, etc., located 4 mi. N of Biglerville, PA, along Rt. 34 at Bagler's Truck Terminal, turn left, first farm on Gabler Rd., Philip M Pitzer, Pres of Pitzer Brothers Fruit Farm, Inc., C. David Redding, Aucts.

SAT. DEC 30 - 10AM, Lawn Tractors, Tractors, Combines, Heads, Trucks, Equipment Mixed, Swayzee, Indiana, 12 mi to Marion, 16 mi to Kokomo, Harper Implement Co., Inc., owners, Schrader Auctioneers.

SAT. DEC. 30 - 11AM, Watkins Glen, (Schuyler Co.) New York. Don and Sons Farm Registered and Commercial Polled Hereford Auction, 140 Head Sell! Pirrung Auctioneers, Inc. Wayland, New York 716-728-2520.

SAT. DEC. 30 - 11AM, Tractors, Implements, at old US Rt. 50, Vienna, MD, Mrs. Virginia Percy, owner, Pete Richardson Auction Sales.

SAT. DEC. 30 - 5PM, Farm Toy Auction, at the Farm & Home Center off Rt. 72 near Lancaster, PA, Toy Show opens at 9AM same day, Dale Stoltzfus, Auct.

JANUARY

MON. JAN. 1 - 9AM, Annual Farm Equipment Sale, from Interstate 81 S. of Martinsburg, WV, take Exit #5 (Inwood) Rt. 51 E. approx. 3½ mi. to Shutts Cash Grocery, turn right 2 of a mil to sale, Edgar A. Bohrer, Sale Manager.

MON. JAN. 1 - 9AM, Antiques, Furniture, Glassware, Household, located 1 1/10 mi. N. of Manchester, PA, along Rt. 181, turn right at Gray Rock, Mildred Keeney, owner, Rentzels's Auction Service, Blaine and Nevin Rentzel, Aucts.

MON JAN. 1 - 10AM Sharp! Farm Equipment, Butchering Equip., Tools, Car, Boat, Trains, located on Rt 895 in the village of Rock, 5 mi. W. of Rt. 183 and 5 mi E of Pine Grove, PA, Harold A. German, owner, Robert W. Derfler, Auct.

WED. JAN. 4 & THURS. JAN. 5 - Large 2 Day Sale Of Farm Equip. At Horst's Machinery Lot, Marion, Pa. 17235. Ralph W. Horst, Manager.

THURS. JAN. 4 - 11AM, 103 Head Holsteins, at Shady Lane Dairy Sale, Quarryville, PA, Susan and Michael Ferry Family, owners, Shady Lane Dairy Sales, Inc.

FRI. JAN 5 - 10AM, Horse Sale, New Holland Sales Stables, Inc , New Holand, PA.

FRI. JAN. 5 - 1:30PM, Pigs State Graded Sale, Westminster Livestock Auction, Westminster, MD.

SAT. JAN. 6 - 11AM Public Auction of Purebred Herd Dispersal located 1 mile South of Bareville off Rt. 23 along East Eby Rd. Take Hess Rd. south from Turkey Hill Market to East Eby Rd Turn right, 2nd farm on right. Terms by Ephraim and Elizabeth Riehl. Paul Snyder, Auctioneer.

SAT. JAN. 6 - 11AM, Nice Backhoe, Tractors, Trucks, Combine, Tools, located from Denton Take Rt 404 E., turn right on Rt. 16, go ¾ mi. and turn right on Pealiquor Rd., at 2nd house on right, Joseph Seiler, owner, Peter Richardson Auction Sales

SAT. JAN. 6 - 12Noon, Real Estate, located at W Market St., the corner of Rt 25 and Loyalton Rd., Gratz, PA, Dave Deibler and Ed Shoop, Aucts.

IT'S MAGIC
How quickly
You Get Results
From Our
Classifieds!

PHONE
717-394-3047
or 717-626-1164

PUBLIC AUCTION

WEDNESDAY, DEC. 27
5:30 P.M.

ANTIQUES & COLLECTIBLES

UNUSUAL MILLIFLORIA 12" LAMP; ASST. NIPPON; BISQUE DOLL HEAD; CHILD'S ICE CREAM CHAIR; GUTTMAN BABY PRNT; ASST. OF OLD PRINTS; PHARMACY BOTTLES; JARDINIERES; ASST. OF CHICKENS; YELLOW WARE BOWLS; STONWRE PITCHER; WOVEN INDIAN ITEMS; BISQUE DOLL HEAD; BONE HANDLED SWORD; POSTCARDS, RS PRUSSIA; OLD GIRL SCOUT PATCHES; METAL TOYS; GERMAN CARDBD. ANIMAL STAND UPS; POLITICAL ITEMS; LEAD SOLDIER MOLD-RAPPAPORT BROS.; COKE BOT. OPENER; CARNIVAL GLASS; FADA RADIO (BUTTERSCOTCH); DEPRESSION GLASS; FIESTA; ICE SKATES; BLUE ONION SOAP DISH; DECO PIC.; COBALT EYE CUPS; REVERSE PAINTING MIRROR; ADDORONDAK SMOKE STAND; PR. JOCKEY HITCHING POSTS; ASSORT. CROCKS; PLUS MUCH MORE.

FURNITURE: VICTORIAN STYLE SOFA, LGE. STAIN GLASS WINDOW 6'X5'; SM. LOVE SEAT; DAYBED; MARBLE TOP SIDE TABLE; LYRE CHAIR; SM. DUNCAN PHYFE DROPLEAF TABLE; EMPIRE MARBLE TOP DRESSER, STACKING BKCASE; BEDS; SMALL TABLES; CHURCH PEW; PLUS MORE.

THIS AUCTION WILL BE AT ZIEGLER AUCTION COMPANY FACILITY.

IN HERSHEY OFF RT. 322 TURN SOUTH ONTO BULLFROG VALLEY RD. (AT NEW TRAFFIC LIGHT WEST OF HERSHEY MED. CENTER) APPROX. 2 MILES TO STOP SIGN Z.A.C. ON LEFT.

ZIEGLER AUCTION COMPANY
JAY E. ZIEGLER LIC. #AU-2120-L
717-533-4267
FOOD AVAILABLE

HAY PROCESSOR

Awesome four auger mixing action keeps this Model 333 RuffageMaster on top of the heap!

Oswalt Model 333 RuffageMaster offers a better way to process those difficult-to-handle, long-cut roughage materials It will process full bales of roughage, breaking it down and blending it into a fully mixed ration RuffageMaster is designed to mix any type of feed materials faster and better than any other machine on the market
Call us for a demonstration soon

OSWALT
by J - STAR

MODEL 50 ECONOMY CONVEYORS

Jamesway* elevating conveyor with rough top belt, 30° elevation.
(Also available with standard belt)

For conveying feed over short spans, you can't beat the Model 50 Jamesway Conveyor It s the leader in capacity economy and convenience

- Greater capacity than chain or auger systems
- Fast, uniform delivery, no feed separation
- Unequalled versatility
- For use in installations up to 50 feet
- Quiet operation
- Lower horsepower requirements
- Simple design, quality construction

JAMESWAY
Number one in value . . . and moving up!

See These Dealers For The Facts On Hay Processors And Conveyors!

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I.G. SALES
Silverdale, PA 18962
215-257-5135

LAPP'S BARN EQUIPMENT SALES & SERVICE
Gap, PA 17527
717-442-8134

PEOPLE'S SALES & SERVICE
Oakland Mills, PA 17067
717-463-2735

SOLLENBERGER SILOS CORP.
Chambersburg, PA 17201
717-264-9588

HARRY TROOP
Cochranville, PA 19335
215-593-6731

STAR SILOS
Myerstown, PA 17067
717-866-5708

JAMES L. HOSTETTER
McVeytown, PA 17051
717-899-6386

VAN DUYNE DAIRY EQUIPMENT
Wellsboro, PA 16901
717-724-4881

SOMERSET BARN EQUIPMENT
Somerset, PA 15501
814-445-5555

AGWAY
Belleville, PA 17004
717-935-2148

PRINGLES FEED STORE, INC.
Greenville, PA 16125
412-588-7950

ROVENDALE SUPPLY
Watsontown, PA 17777
717-538-5522

PAUL R. JACKSON
Troy, PA 16947
717-297-3872

GNEGY SURGE SERVICE
Washington, PA 15301
412-222-0444

HOOVER EQUIPMENT
Tyrone, PA 16686
814-684-1777

MARYLAND

GLADHILL TRACTOR MART
Frederick, MD 21701
301-663-6060

NEW JERSEY

GEORGE COLEMAN
Elmer, NJ 08318
609-358-8528

WILLIAM SYTSEMA
Sussex, NJ 07461
201-875-5449

NICE BACKHOE - TRACTORS - TRUCKS - COMBINE - TOOLS

AUCTION SALE

Having decided to retire, Joe Seiler will offer for sale the following equipment at Public Auction on

Saturday, January 6, 1990

Beginning at 11:00 a.m.
Pealiquor Road - Denton, MD
Directions: From Denton take Rt. 404 East. Turn right on Rt. 16 towards Preston. Go ¾ mile and turn right on Pealiquor Road. Sale is 4th house on right.

1980 Case 580C Backhoe w/extenda hoe 5N cab in very good condition; Massey Ferguson 2675 103 HP w/cab & air, dual remotes, 18.4x38, nice, only 323 hours; International 184 w/Woods 59 Belly mower; Farmall Super 19 w/cultivator; Massey Ferguson 230 gas tractor 34 HP less than 600 hrs., 6 speed, 13.6x38 tires; Massey Ferguson 510 Diesel Combine w/grain table; 1986 Ford F-250 Pickup, 30k miles, auto; 1985 Ford F-250 Van, good work van; 1977 GMC Sierra 35, 1 ton truck w/utility box, auto and air, good truck; 1966 C-60 Chevy Truck w/14' Harvey Russell Body; Grady White 18' Fiberglass boat w/75 HP w/trailer, needs work.

Small seeder; Homemade tandem axle trailer; 3 axle equipment trailer; Ferguson 3 pt. disc; Old J.D. Chopper; Ford 4-row planter; Spring tooth drag; Vineer trencher trailer; International 4x16 pull type plow; Wood splitter; Shop fan; Dewalt Deluxe radial arm saw; Craftsman 18hp mower; like new; Drop cords; Power meter; Misc. hand and power tools; Recliner and some furniture; 1988 Monte Carlo, 50,000 mi., deluxe sport, auto, air, nice car; Wellcraft 14' boat w/trailer and 35HP Johnson motor, motor needs work. Much, much more...

Inspection: Friday, 1/5 and Day of Sale

Terms - Personal Property: Cash on day of sale. Checks will be accepted from residents of the Delmarva Peninsula when drawn on a local bank. All others must be accompanied by a current Letter of Credit.

JOSEPH SEILER

Pete Richardson Auction Sales
P.O. Box 51, Willards, MD 21874
Office - 301/546-2425

PUBLIC AUCTION

104 ACRE FARM PLUS 2 HOUSES

Friday, Dec. 29, 1989
At 12 Noon

(4 miles N. of Fogelsville), turn off Rt. 100 onto road toward Kempton, approx. 1 block turn right onto Gruber's Road to 2nd farm, Lehigh Co., Pa.

PARCEL #1 - Contains 2 tracts of land, 1 tract approx. 47.70 acres whereon is a 40'x100' barn w/43 cattle stanchions & box stalls, w/a 30'x40' addition plus 5000 sq. ft. of equip. storage sheds, a 2 car garage & a 16'x50' Madison upright silo used 8 yrs., There is also a never failing stream. 2nd tract has 56.364 acres of land, w/stream. Both tracts have lot of road frontage, good farming practices have always been followed for years.

PARCEL #3 - A lg. lot whereon is erected a 2½ story stucco over stone dwelling, 1st floor has a lg. eat in kitchen, sitting-living room comb. plus a full bath. 2nd floor has 4 bedrooms. Oil hot water heat, well water, also on the same property a Princess 14'x70' mobile home.

Parcel #4 - A lot w/2½ story frame & brick dwelling w/alum. siding. 1st floor has kitchen, DR, LR & bath, 2nd. floor has 3 bedrooms, oil hot water heat.

For inspection of real estate call for appt. 298-2436.

Terms - 10% day of auction in cash or acceptable check, balance on or before April 2, 1990.

Ordered by
GEORGE S. & ELSIE M. GRUBER

Conducted by Ralph W. Zettlemoyer Auction Co., Inc.
(215) 395-8084
Pa. license #AU-001809-L

P.O. Box 215 • Fogelsville PA 18051 • 215 395 8084 • License #AU001809 L
RALPH W. ZETTLEMOYER AUCTION CO. INC

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

SAT. JAN. 6, Mark and Marjory Taft Dairy Herd Auction, Campbell, NY, Pirrung Auctioneers, Inc.

SAT. JAN. 6 - 2PM, 190 Acre Modern Dairy Farm, approx. 3 mi. W. of Conestoga Along Witmer Rd., Manor Twp., Lanc. Co , PA, Lee C. & Edith M. Ressler, owners, Elton Horning and Ronald Bard, Aucts.

MON. JAN. 8 - 3:30PM, Antiques, Coke Items, Winross Trucks, Lionel Train, to be held at Brickerville Fire Hall, located just off Rt. 322, Brickerville, Lancaster Co., PA, Edna Ault, Marilyn Showalter and others, owners, T. Glenn Horst and Son, Aucts.

FRI. JAN. 12 - 12:30PM, Construction Equipment, Supplies & Office Equip., to be held at the T. Glenn Horst & Sons, Inc. Warehouse, located at 50 Durlach Rd., Clay Twp., Lanc. Co., PA, B-N-B Construction, Inc., owners, T. Glenn Horst and Son, Aucts.

SAT. JAN. 13 - 10AM, Complete Dispersal of Farm Equipment, off MD Rt. 64, just E. of Hagerstown, MD, Mr. and Mrs. Floyd A. Beaver, owners, Cochran Auctioneers.

SAT. JAN 13 - 12Noon, 24 Acres, located Wintersville Rd., Tulpehocken Twp., Berks Co., PA, D. W. Brown, owners, Ebersole and Shoop, Aucts.

MON. JAN. 15 - 9.30AM, Tractors, Orchard and Farm Equip., Trucks, Bulk Bins, Crates, Tools, Antiques, located taking US Rt. 30 7 mi. W. of Gettysburg, PA, turn onto road to Arendtville, PA and go 1 mi to sale, Mrs. Kermit (Mary) Deardorff, owner, C. David Redding, Auct.

FRI. JAN 19 - 9AM, Farm Equip., and Work Horses, from Kirkwood take Maple Shade Rd. E. approx. 1½ mi. to Cooper Dr., turn right go approx. ½ mi. to 1st farm lane on right, Emanuel B. King, Jr. and Rachel K King, owners, Elton Horning and Ron Bard, Aucts.

FRI. JAN 19 - 10AM, Horse Sale, New Holland Sales Stables, Inc., New Holland, PA.

FRI. JAN. 19 - 12Noon, RE, Masonry Construction Equip., Scaffolding, Mixers, Trucks, located at corner Conestoga Ave. & School Lane Ave., Brownstown, PA, Harold Z. Burkholder, owner, T. Glenn Horst and Son, Aucts

FRI. JAN 19 - 1:30PM, Pigs State Graded Sale, Westminster Livestock Auction, Westminster, MD.

SAT JAN. 20 - 11AM, Horse Farm, located in Dyberry Twp., Wayne Co., PA, 3 mi N. of Honesdale on Rt 670 to North end of Bethany Boro, turn right onto Ash St., go 1 2 mi. to property on right, Wayne Co. Bank & Trust Co , owner, Blaine and Nevin Rentzel, Aucts

TUES. JAN. 23 - 10AM, Livestock and Farm Equip., located 2 mi. S of Bartville, two mi. E. of Kirkwood at 79 Ridge Rd , Lanc. Co , PA, Abner G. Stoltzfus, owner, Diffenbach's Auct.

FRI. JAN 26, Dairy Heifer Dispersal & Full Line of Farm Machinery, Chambersburg, PA, Tom & Linda Horst, owners, Kling's Auctions, Inc , Sale Mgrs.

FRI. JAN 26 - 10AM, 105 Acre Farm, located from Lewisburg take Rt 45 W approx. 3 mi to Hoffa Mill Rd., turn right 5 mi. to farm on right, Jacob S Stoltzfus and Betty L Stoltzfus, owners, Elton Horning and Ron Bard, Aucts.

SAT. JAN 27, 4 Unit Apartment House, 52 & 54 Chestnut St., Ephrata, PA, Adam Burkholder, owner, Paul E Martin and John D Stauffer, Aucts

LIVESTOCK AUCTION & FARMERS MARKET FOR SALE

MIDDLEBURG, PA.
50 Miles North Of Harrisburg — 20 Mi. South Of I-80

KEISTERS MIDDLEBURG AUCTION SALES, INC.
• Fat Cattle • Fat Hogs • Calves • Sheep
• Goats • Special Sales For Feeder Cattle
• Feeder Pigs • Horses • Lambs • Machinery.
FARMERS MKT. HOUSE
INDOOR & OUTDOOR FLEA MKT.
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"ANYTIME"

This Holiday Season

IS OUR FAVORITE TIME FOR SAYING THANK YOU FOR YOUR LOYALTY AND FRIENDSHIP ...AND FOR EXTENDING WARM WISHES TO ALL.

—Paul E. Martin
John D. Stauffer
Auctioneers

TWO DAY PUBLIC AUCTION

ANTIQUES, IRONWARE SUSQUEHANNA RIVER DECOYS, COUNTRY STORE EQPT. & ADVERTISING, COINS, WATCHMAKERS, AUTO AND H.H. GOODS

FRIDAY, DECEMBER 30
4:30 P.M.
Note Time Change From Previous Adv.
SATURDAY DEC. 30, 9:30 A.M.
Located at the Brickerville fire hall just off Rt. 322 West of Ephrata in the village of Brickerville, Pa.

HUNDREDS OF SILVER DOLLARS, 6 GOLD PCS. & OTHER COINS

1977 Buick Station Wagon, tune up machine, Depression diningroom suite, oak wash stand, Trunk, Blue glass tables, medicine cabinet, 2 decorated plank bottom chairs, and other furniture, the best selection of Susquehanna River Decoys we ever had, fish decoys, watch makers benches, ultrasonic cleaners, watches and parts, Wallace Nutting, Rockwell and other old prints, 2 western movie posters C. WWII, Advertising posters, oak showcases, oak pastry cabinets, Richard Divina Tea Tin 1894, large enamel Pennsupreme Drug Store sign, Rare Frenches Spice Tin, Black Diamond String dispenser, Parkway Bubble Gum Machine, Esquire Boot Polish Rack, unusual N.C.R. wooden packing crate and brass cash register of same era, Decorated Detroit fan scale, silk tall hat, agate coffeepot, jugs, Leeds vegetable bowls (cracked) glass bottle fire extinguishers, iron and brass ladles, strainers, forks and wrought iron hammer dated 1825, a few other old tools, nice selection of costume jewelry, and many other items.

NOTE: Consign now for 3rd Annual Toy and Baseball card auction to be held in January.

Auction For:
Estate of FRED WILLIAMS
Estate of HARRY B. WITTLE
and others

E.M. Murry Associates
10 S. Broad St.
Lititz, PA 17543
Elmer Murry 626-2636
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Professional Auctioneers, Appraisers and Advisors
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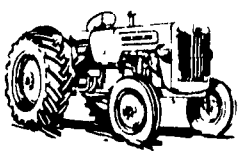


FARM TOY SHOW AND PUBLIC AUCTION

(Also Toy Trucks, Including Winross)
SATURDAY, DEC. 30

AT THE FARM AND HOME CENTER OF LANCASTER, PA.
(OFF ROUTE 72, NEAR JONES PONTIAC)
PARK CITY SHOPPING MALL NEAR BY.
GENERAL ADMISSION OPENS 9:00 A.M. TILL 3:00 P.M.

THOUSANDS OF FARM TOYS AND TOY TRUCKS WILL BE ON DISPLAY. MOST WILL BE FOR TRADE OR SALE. ALSO COLLECTOR BOOKS AND GUIDES WILL BE ON SALE. FOR MORE INFORMATION CALL: DAVE (717) 768-3554

Large Farm Toy Auction at 5:00 P.M.

Good Older Toys Including Many Deeres, Farmalls, New Idea, IH, And Most Other Brands. Riecke Farmall Cub, Dingman Farmall A And B, Other Customs And Limited Editions. Several Hubley Toys In The Box. Auction Is 90% Farm Toys And 10% Toy Trucks. 300 PLUS ITEMS.

AUCTIONEER — DALE STOLTZFUS AU-906-L
Free Admission To Auction

NEW YEAR'S DAY AUCTION

MON., JANUARY 1, 4:00 P.M.
MANY NEW ITEMS LEFT OVER FROM OUR '89 BUYOUTS OF INSURANCE LOSSES

LOT #1 BALANCE OF INVENTORY FROM SERVICE STAR HARDWARE.
LOT #2 TOWSON STATIONARY STORE.
LOT #3 OFFICE FURNITURE & SUPPLIES FROM MAJOR STATIONARY DIST.

LOT #1 PARTIAL LISTING: ALL SORTS OF MINI WAX & CLEANERS, LARGE LOT OF PADLOCKS, DEAD BOLT LOCKS, PASSAGE LOCKS-MOST ARE BY VALE, METAL POLISHES, CAR WAXES, EXT. CORDS, CLOTHES LINE, ALL SORTS OF WOOD & METAL SCREWS, IN DISPLAY CABINETS-LAG BOLTS, LEAD ANCHORS, ASSORTED KITCHENWARES & HOUSEHOLD ITEMS, MOPS, FLATWARE, SOME GLASSWARE ITEMS, POTS & PANS, B&D CAN OPENER, PLASTIC BUCKETS & SCRAP CANS, FLATWARE TRAYS, LIGHT BULBS, ETC. MANY MORE ITEMS.
LOT #2 & #3 PARTIAL LISTING: FAX PAPER, 1990 DESK CALENDARS & APPOINTMENT BOOKS, ALL SORTS OF PAPER SUPPLIES, RUBBER BANDS TO PAPER CLIPS, 300 STAPLERS-SWINGLINE & ACE, 2 CREDENZAS, METAL STORAGE CABINETS, HOLE PUNCHES, WORK STATIONS & TABLES, PRINTER SOUND CABINETS, PENS, MARKERS, HILITERS, ELEC. PENCIL SHARPENERS, DESK ORGANIZERS, 2-2 DR. LATERAL FILES, 2-4 DRAWER FILES, 1-4 DRAWER LATERAL FILE, 4 METAL DESKS, BOOK BINDERS, 300 WM. RODGERS BUD VASES, 200 ONEIDA COMPACTS, 150 REGINA VACUUMS, PLUS 100'S OF OTHER ITEMS.
FOLKS: OUR BUILDINGS ARE FULL, WE ARE REMODELING OUR AUCTION TO EXPAND TO 5,000 SQ. FT. & MUST SELL TO MAKE ROOM. COME TO OUR FIRST 1990 AUCTION AND ENJOY THE DAY. WE WILL OFFER DOOR PRIZES - CASH & MERCHANDISE TO KICK OFF THE NEXT DECADE OF AUCTIONEERING.

TERMS: CASH, CHECK IF KNOWN BY AUCTION FIRM, VISA/MC.

AUCTION HELD AT:
HUNTER'S SALE BARN, INC.
RT. 276
PHONE (301) 658-6400
YOUR AUCTION FAMILY:
NORMAN E. HUNTER, CAI
& CAROL A. HUNTER

ITEMS CAN BE VIEWED ANYTIME MONDAY UNTIL AUCTION TIME

"CECIL COUNTY'S LEADING AUCTION SERVICE FOR THE 90'S"

Merry Christmas

To all our friends at Christmas, the joy is ours to wish one and all a holiday blessed with peace, prosperity, health and joy.

We Thank You The Public, And A Special Thank You To Our Clients For Making 1989 A Good Year.

Steve & Anna Petersheim & Family

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

SAT. JAN 27, Late Model Grain Farm Equipment, Jamesburg, NJ, Clarenace and Marilyn Dey, owners, Col. Fred R. Daniel Auctioneers, Inc.

SAT. JAN. 27 - 11AM, Super Line of Late Model John Deere Grain Farm Equipment, Davidsons Mill Lane, Jamesburg, NJ, Clarence and Marilyn Dey, owners, Col. Fred R. Daniels Auctioneers, Inc.

FEBRUARY

FRI. FEB. 2 - 9AM, Livestock, Machinery, Some HH and Antiques, located 3 mi. E. of Reedsville, PA, on Honey Creek Rd., at the Alexander Cave Farm, Mrs. David J. (Leah) Hostetter, owner, Mark Glick, Auct.

FRI. FEB. 2 - 10AM, Horse Sale, New Holland Sales Stables, Inc., New Holland, PA.

SAT. FEB. 3, Farm Equipment, Vinemont, PA, Richard Wanner, owner, Paul E. Martin and John D. Stauter, Aucts.

FEB. 3, 2 farms at 2150 Thompson Ave., Lebanon, Lebanon Co., Mr. and Mrs. Edwin Funck, owners, Harry H. Bachman, Auct.

FEB. 3 - 10AM, Public Sale of Woodworking Equip., located 1 mile East of Churchtown, 2 miles west of Morgantown along Rt. 23. Terms by Ridgetop Manufacturing owned by Benuel S. Riehl. Paul B. Snyder, Auctioneer.

SAT. FEB. 3 - 11AM, Mt. Morris (Livingston Co.) New York. Mark and Lee Hilts Auction of 60 Open Holstein Heifers and Farm Machinery. Pirrung Auctioneers, Inc. Wayland, New York 716-728-2520.

TUES. FEB. 6 - 12Noon, Holstein Herd Dispersal, RHA 21,200M Young Herd, AI breeding. (1)EX, (6)VG, North Harvest Rd., Lanc. Co., Chris K. Stoltzfus, owner, Steve & Steve, Jr. Petersheim, Aucts.

FRI. FEB. 9 - 11AM and SAT. FEB. 10 - 9AM, 2 Day Farm and Orchard Equip., located adjacent to Knouse Foods Plant at Orrtanna, PA, Orrtanna is located between Cashtown, PA and Fairfield, PA, IZ Musselman Orchards, Owner, C. David Redding, Auct.

PUBLIC AUCTION

"HORSE FARM"

53½ ACRE HORSE FARM
IN WAYNE CO., N.E. PENNA.

SATURDAY, JAN. 20, 1990

11:00 A.M.

Property located in Dyberry Township, Wayne County, PA. 3 Miles north of Honesdale on Rt. 670 to north end of Bethany Boro, turn right onto Ash St., go 1.2 mile to property on right. Watch for Signs.

53½ ACRES- NO ZONING
IN THIS TOWNSHIP.

HOUSE: Frame structure with siding. 1st Floor has a large country kitchen w/large cabinet area & counter space w/built-in electric range & top oven. Knotty Pine living room & dining room with built-in china closet. Open Stairway to 2nd floor with 3 bedrooms & bath, (large Master Bedroom, 1 small bedroom, & 1 bedroom has built-in bookcases). Laundry room on 1st floor with ½ bath, 2 closed-in porches, & 1 car garage attached to house w/automatic door opener, Heated by Electric Baseboard & Shenandoah Wood Hot Air furnace, 200 AMP electrical service & well water.

BARNS & OUT BUILDINGS: Large frame barn (90'x36') with 17 Box Stalls on lower level of barn & large hay storage area in upper level of barn with metal roof. Large metal building (used for indoor riding ring) 120'x60', Large machinery barn 34'x106', Tack room 12'5" x 18', Cement Stave Silo with Roof.

A small stream supplies natural water supply through this property for pasture land. Most of this property is clear land with a very small portion wooded. Board fences surround all buildings & house.

AUCTIONEER'S NOTE: Wayne County is located in a large recreational area of Northeastern, PA. Where outdoor sports can be enjoyed the year round. Only 85 mile from Allentown, PA. 117 mile from Newark or New York City, North east of Scranton, PA. If looking for a nice horse farm, country living or a weekend retreat, give this property a good look. Tell your friends about this auction - they may invite you for a weekend.

TERMS OF REAL ESTATE: Certified Check for $20,000.00 made Payable to Wayne County Bank & Trust Co. & balance to be due in 45 Days from date of sale.

FOR INSPECTION PHONE MR. RIDD (717) 253-1455.

FOR INFORMATION PHONE MR. RENTZEL

(AUCTIONEER) (717) 764-6412

OWNER:

WAYNE COUNTY BANK & TRUST CO.
HONESDALE, PA.
(717) 253-1455- MR. RIDD

AUCTIONEER:

BLAINE & NEVIN RENTZEL
EMIGSVILLE, PA.
(717) 764-6412
PA LIC #761 & #2483

TRACTORS - IMPLEMENTS

AUCTION SALE

Pursuant to proper authority the undersigned Attorney-In-fact for Mrs. Virginia Percy will offer for sale at Public Auction the following personal property on:

Saturday, Dec. 30, 1989

11:00 a.m.

Old U.S. Rt. 50, Vienna, MD.

Directions: From Baltimore Take U.S. Rt. 50 East of Cambridge, MD. Proceed 14 Miles And Bear Right On Rt. 731 Into Vienna. Sale Is On Left. From Salisbury Take Rt. 50 West Just Across Nanticoke River Bridge. Take Rt. 331 South Into Vienna. Go To Stop Light And Turn Left. Sale Is On Left. Sale Is Approx. 1-½ Hrs. From Chesapeake Bay Bridge And Approx. 2-½ Hrs. From Chesapeake Bay Bridge Tunnel.

Additional Consignments Will Be Accepted-- Call 301/546-2425
No Junk or Wagon Lots, Please!
Consignment Accepted Thursday, 12/28 and Friday, 12/29
(8:30 a.m.-4:00 p.m.)
Consign Early For Advertisement

Inspection: At Sale Sight Only-- Thurs. 12/28 And Fri. 12/29 (8:30 a.m.-4:00 p.m.)

The Following Items Are 1 Owner Items And Mostly 1 Driver. To Be Sold Without Resesrve: 1964 International 1700 Truck w/18' Grain Body 5x2 Trans., 9:00 Tires; International 2+2 3588, 2800 Hrs., 23.1x30 Tires, Triple Remotes; Farmall 656 Tri-Cycle Front; International 674, 5700 Hrs., 18.4x30 Tires; Farmall H Hasn't Run In 12 Years; Farmall C (For Parts); 1977 Buick LaSabre, 29000 Actual Miles; International 715 Combine w/4 Row Corn Head; International 710 6x18" Semi Mt. Plow; John Deere 4x16 3 Pt. Plow; International 4x16 420 Plow; International No. 55 12' Chisel Plow; International 510 Drill, Single Opener, 18 Sprout, Used Only 200 Acres; Hardee Offset Cutter; Manual Slide; International 37-44 Blade Disc; Agricraft Stainless Fertilizer Sprayer; John Deere 6 Ton Chassis, 4 Wheel; International 400 Cyclo Air Planter; Brillion 16" Solid Wheel Packer; Hansen 300 Gal. Sprayer (Broken); Brillion 18' Spring Harrow; Pull Type Scrape; Funnel Wagon On International Chassis; International Pressure Washer; Case Riding Mower, Does Not Run.

1983 Owens 10 Ton Tri-Axle w/Beaver Tail Gooseneck-Trailer Complete w/5th Wheel Assembly; 1973 Int. Tandem Dump Diesel, 13-Spd. Road Ranger; 1976 Ford Truck w/Dry Spreader Body.

Terms- Personal Property: Cash On Day Of Sale. Checks Will Be Accepted From Residents Of The Delmarva Peninsula When Drawn On A Local Bank. All Others Must Be Accompanied By A Current Letter Of Credit.

PETE RICHARDSON AUCTION SALES
P O Box 51, Willards, MD 21874

Phone: 301-546-2425 Office;
301-742-6220 Home

Jeffrey Smith
Attorney-In-Fact
For Virginia Percy

HARPER IMPLEMENT CO., INC.
6TH ANNUAL YEAR END TAX SALE

SWAYZEE, INDIANA

AUCTION

SCHRADER

12 MILES TO MARION
16 MILES TO KOKOMO

SATURDAY MORNING, DECEMBER 30 at 10:00 AM

Auction to be held 2 blocks south of the traffic signal light and then 2 blocks west of State Road 13 in Swayzee, Indiana. (2 miles north of U.S. 35 and SR 13 intersection.)

- NOTE SPECIAL SALE ORDER -

Lawn Tractors, Tractors, Combines, Heads, Trucks, Equipment
Mixed - TRACTORS WILL SELL ABOUT 10:15
(22) TRACTORS - SKID LOADERS - BACKHOES - FORKLIFT

1982 JD 8850, 30.5x32 inside, 24.5x32 duals, new tires all around, no hitch, no pto, 4 remotes, approximately 2000 hrs. * **1979 875 Versatile,** 30.5x32 inside, 24.5x32 duals, no hitch, no pto, 4 remotes, 3260 hrs. * **1981 Versatile 555,** 18.4x38 tires & duals, 3 pt., 4 remotes, 2,500 hrs *1983 JD 4450 MFWD, power shift, 18.4x42 tires, dual remote, 1906 hrs. *JD 4250, power shift, 18.4x38 radials, cab, air, 2 remotes, 2,900 hrs. *1978 JD 4640, 20.8x38 tires, quad., dual remote, 14Lx16.1 front tires, 3,100 hrs. *1977 JD 4430, power shift, 18.4x38 tires, dual remote, cab, heat, air, 4,900 hrs. *1973 JD 4430, no cab, 18.4x38 rubber, quad, dual remote *1973 JD 6030, 20.8x38 tires, cab, air, heat, triple remote, 3,290 hrs. *1974 JD 2030 utility, 4800 hrs., diesel, 13.5x38 rubber, with JD 48 loader and independent valve *1969 JD 4020 diesel w/side console * 1966 JD 4020 gas * 1965 JD 3020 gas, 15 5x38 tires, single remote, 6400 hrs. * 1976 IHC 1066, red cab, 18.4x38 tires, dual shafts, dual remote, 4,000 hrs *1974 IHC 666 gas, wide front, 3 pt., 1175 hrs , 16.9x34 rubber *1977 Case 1570 cab, air, 20.8x38 rubber, dual remote, 3803 hrs. *1973 Case 1370, no cab, dual remote, 18 4x38 tires, 3,173 hrs *1975 Case 1070, 18 4x38 tires, dual remote, 2,300 hrs. *1973 AC 7030 D, 3 pt. hitch, dual hyd , 18 4x38 tires, 500 hrs on major engine overhaul *1952 JD A tractor * IHC M tractor *AC WD 45 tractor with loader *Case 580B backhoe loader, 860 hrs. *Case 580CK backhoe/loader *Gehl 2500 skid loader, 25 hp Onan engine *1977 Case 1830 skid loader, gas *1972 Case 1530B skid laoder, gas * White 40 forklift with side shift, 2272 hrs *Davis trencher with blade.

(13) COMBINES

1979 JD 7720 hydro, chopper, 30.5x32 tires, 12.4x24 rears, 1300 hrs *1981 JD 6620, turbo, hydro, 28Lx26 tires, chopper AHHC, 2000 hrs. *1980 JD 6620 hydro, chopper, 28Lx28 tires, AHHC, 2570 hrs ** 1979 JD 8820, 30.5x32, chopper, AHHC, 2700 hrs. *1981 Allis N5, 24 5x32 tires, Pacer, all monitors, 1800 hrs. *1985 AC 320 flex head *1981 AC N 630 corn head *1978 JD 7700 hydro, chopper, 28Lx26 tires, AHHC, 2510 hrs. *1975 JD 6600 diesel, air, belt drive, 2500 hrs. *1979 JD 4400, 18 4x26 tires, monitor, chopper, only 1350 hrs. *1979 JD 4400 belt, AHHC, chopper, 23.1x26 tires, 2267 hrs *1978 JD 4400, monitors, chopper, air, 1800 hrs. *1970 JD 3300 gas, 13' platform, only 1453 hrs., chopper, very sharp combine *JD 105 gas, quick tatch *Massey 510 diesel, 15' platform.

PLATFORMS AND CORN HEADS

16' quick tatch *16' quick tatch/wobble box *13' quick tatch *(4) 220 platforms *224 platform *(4) 216 platforms *(2) 215 platforms *453 crop head *343 corn head *(3) 443 corn heads *643 corn head *63 Massey corn head

PLANTERS

JD 7000 12 row FF planter, liquid fertilizer, heavy duty coulters, population monitor *JD 7000 12 row FF planter, minimum till coulters, population monitor *Kinze 12 row folding planter, Hiniker population monitor *JD 7000, 8 row 30" planter, liquid, insecticide, monitor, Philbrin fold *(2) JD 7000, 6 row planters, liquid fertilizer, double disk openers, regular monitor *JD 7100, 8 row 30" planter, insecticide, lift assist wheels, monitor *JD 7000, 4 row wide planter, liquid fertilizer, monitor *AC 333, 6 row 30" planter, liquid, no-till coulters *JD 28' planter trailer. IH 800 Early Riser 6x30" planter w/liquid fertilizer, double disc openers, insecticide and monitor.

SPECIAL TOY OFFERING

(3) Collectors 8760 Series 4 wheel drive tractors *(3) Collectors 9600 Senes combines.

SPRING TILLAGE

JD 29' 940 S-tine field cultivator, walking tandems with hyd. wing wheels, rolling baskets *JD 1010, 30' field cultivator, walking tandems on main frame with hyd. wing wheels, 3 bar Harrogator harrow *JD 1010, 25' field cultivator, walking tandems with hyd. wing wheels, single bar Hiniker harrow *24' JD 1010 flat fold field cultivator, single bar harrow *JD 1010, 22' field cultivator, walking tandems with hyd. wing wheels, 3 bar Harrogator harrow *JD 1010, 19' field cultivator, walking tandems on main frame, 3 bar Harrogator harrow *Hiniker 1540 field cultivator, walking tandems on main frame and wings, single bar Hiniker harrow *Wilrich 41', 3-section fold, walking tandems on main frame and wings, 3 bar Remlinger harrow *IHC 30' Model 45 field cultivator *IHC 18' Model 45 field cultivator *Brillion 30' flat fold cultimulcher *Brillion 21' folding cultimulcher *Brillion 15' cultimulcher with dual wheels *New 27' Brillion X-fold cultipacker *Brillion 32' V-fold cultipacker *13' Brillion packer *12' Brillion packer *(2) Brillion 5' packer pups *JD 230, 25' wing disk, dual inboard wheels, hyd wing wheels *Remlinger 15' pull type harrow *JD 85, 12 row, 30" flat fold Danish row cultivator, gauge wheels, rolling fenders, nice *12x30" Imperial hydraulic fold ro-crop cultivator, rolling shields *12x30" JD C-shank ro-crop cultivator, end tow, Neese shields *Hiniker 8-30" econo-tine ridge cultivator, flat fold, rolling shields *JD RM 6-30" spring shank ro-crop cultivator, Neese levelers, sharp *JD 420 rotary hoe, used very little.

PLOWS AND FALL TILLAGE

(2) JD 2800, 7 bottom, spring reset, on land *JD 2800, 6 bottom, spring reset, in furrow *JD 2800 5 bottom, spring reset, in furrow *IHC 720, 5 bottom, spring reset, in furrow *IHC 710, 5-18" plow *JD 2800, 5 bottom, safety trip, in furrow *JD 2700, 5 bottom, safety trip, in furrow *JD 1350-1450, 6-18" plow, extra sharp *JD 6-18", 2500, hyd. reset plow, add on *JD 2500, 6-16" hyd. reset plow, in furrow *JD 712, 11 shank mulch tiller, spring reset, straight bladews *Glencoe 13 shank soil saver *Kent 9 shank mulch tiller *Krause 26' pull type chisel plow.

HAY AND MOWING EQUIPMENT

JD 350, 9' sickle bar mower, used for only 300 ft. *JD 1219 mower conditioner, 6 bat reel *JD 24T twine hay baler *16' JD flail chopper *Woods 15' bat wing mower, all hydraulic drive *Bush Hog 7' pull type rotary mower *Ford 8' pull type rotary mower *Woods RM90 grooming mower *(2) JD 716 forage wagons on JD 1075 gears.

MISCELLANEOUS EQUIPMENT

JD 780 tandem axle manure spreader, 16.5x16.1 tires, top beater, hyd. endgate, little use *JD 148 loader with 72" bucket *Mayrath 62'8" swing away auger, hyd. lift *500 gal. field sprayer, pto mounted pump, 30' booms *4x8 and 5x8 single axle tilt trailers *Grain-O-Vator auger wagon, single axle *(2) Parker 320 side dump wagons on New Idea gears, 10.00x20 tires *Killbros 350 side dump wagon *JD 1210A auger wagon on big rubber *Leon 12' hydraulic blade, hyd. tilt and angle, with mountings to fit JD 4WD *Kewanee 52'6" auter *JD 155 blade w/cylinders * assorted miscellaneous duals and weights for listed tractors *several quick hitches *hydraulic cylinders.

TRUCKS

1972 Ford LN750 tandem axle, 391 engine, 5-2 transmission, 16' bed with Harsh hoist, roll tarp, 90,000 miles *1963 IHC 1900, 20' bed, tandem, air brakes, 506 engine *1955 Ford F6 single axle, 4 speed, 12' bed with hoist, 50,000 miles *1973 Wilson 36' grain trailer.

LAWN & GARDEN

JD 400 with 60" deck *JD 318, 18 hp hydro, power steering, 50" deck *(2) JD 314 with 48" deck *JD 165 hydro, 38" deck, 12.5 hp *IHC 1650 Cub Cadet hydro, 48" cut *Middlesworth 2TR front mount mower, 12 hp with 46" cut.

I would like to take this opportunity to thank each of you for your past support, and invite you to attend this year's sale. The machinery market has changed significantly in the past year, with clean used machinery becoming hard to find. This year, our sale has many hard to find pieces in it, in better condition than machinery found on most farm sales today. As in the past, our machinery will sell without reserve or minimum bid. If you have questions about specific pieces of machinery, please feel free to call.

We will continue to sell and trade for machinery until the close of business Friday, December 22 at 5:00. No advertised piece will be sold after that date. If you have questions about availability of listed pieces, or need something not listed, please call after December 22.

This year we will offer John Deere financing for qualified buyers on qualified pieces of equipment, and we will also offer financing through our local bank. All people who desire to use our financing options must make arrangements by phone or in person before the day of the sale.

I hope you can make plans to attend. We plan to start promptly, and be done by 2:30. If you need local airport information we will be happy to assist you. Contact Rex Riggs at Harper Implement, if you have any questions.

Owner: HARPER IMPLEMENT CO., INC.
(317) 922-7904

Any announcements made sale day will take precedence over printed matter. Not responsible for accidents. Lunch will be served by Herbst United Methodist Church. Columbia City, IN (219) 244-7606 Nancy for questions.

SCHRADER
REAL ESTATE AND AUCTION COMPANY
209 West Van Buren St., Columbia City, IN 46725
Phone: 219-244-7606

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

SAT. FEB. 10, Complete Line of Farm Machinery, Lewisburg, PA, Dan Z. Stoltzfus, owner, Kling's Auctions, Inc., Sale Mgrs

Col. Fred R. Daniel Auctioneers, Inc.

To All Our Auction Followers A Healthy, Happy, & Prosperous Holiday Season. We Thank All Of You For Your Gracious Support In Attending Our Auctions.

Sincerely,
Fred R. Daniel

Advance Notice - Jan. 27, 1990
LATE MODEL GRAIN FARM EQUIP. AUCTION
For: Clarence & Marilyn Dey, Jamesburg, N.J.
A SUPER LINE OF J.D. EQUIP.: Tractors- JD 4440, 2950, 4630, 2020, 7720 Combine, Mack Tandem Tractor w/Parker Alum. Dump Tr., IHC- 21' Dump. Plus Grain Handling And Full Line Of Top Tillage And Planting Equip.

Watch Papers For Full Details Or Write For Brochure.

Sale Conducted By:
COL. F.R. DANIEL AUCTIONEERS, INC.
Box 151 RD3 Neshanic Sta., N.J. 08853
(201) 369-4784

ANNUAL PUBLIC SALE

From Interstate 81 South of Martinsburg, West Virginia, Take Exit #5 (Inwood) Route 51 East Approx. 3½ miles to Shutts Cash Grocery - Turn right .2 of a mile to sale -- OR -- From Charles Town, West Virginia, Take Route 51 West, Go approx. 8½ miles to Shutts Cash Grocery - Turn left - .2 of a mile to sale.

MONDAY - JAN. 1, 1990
AT -- 9:00 AM

584 International Diesel w/2200 loader (2174 hrs), 170 Massey Ferguson w/loader, 65 Massey Ferguson w/loadr, 544 International w/2000 Int'l loader, 275 Massey Ferguson and 230 Massey Ferguson.

THE ABOVE TRACTORS ALL HAVE POWER STEERING & LIVE PTO

3000 Ford diesel, 2000 Ford, 4000 Ford, 464 International Gas, Farmall 100 w/belly mower and approx. 25 other tractors. 2 - 10x50 2 bedroom mobile homes, 16' 3 axle gooseneck dump trailer, 5 bottom auto-reset Int'l plow, 4 bottom F145 John Deere plow, 1, 2 and 3 bottom plows, 5 wheel rake, 5600 Hesston round baler, 615 Badger round baler, 3 pt. 2 bag cement mixer, 2-39 John Deere mowers, new utility trailers, 100 pieces of new and used farm equipment, new and used tools, canned goods, hams and other farm artieles.

TERMS: CASH OR GOOD CHECK. NOTHING TO BE REMOVED UNTIL SETTLED FOR. ID REQUIRED TO ACQUIRE A BIDDING NUMBER.

Open daily - Monday through Saturday
8 AM until 5 PM
Consignments Welcome

WE BUY - SELL - TRADE
TRACTORS - EQUIPMENT - TRAILERS

Contact Us for Auction on Your Location

EDGAR A. BOHRER
SALE MANAGER
WV LIC. #18
304-229-8354

NOTE: DUE TO DAILY BUSINESS CERTAIN ITEMS MAY BE SOLD PRIOR TO AUCTION. HOWEVER, THERE ARE MANY GOOD TRACTORS AND A LARGE SELECTION OF EQUIPMENT AVAILABLE ON SALE DAY.

NOT RESPONSIBLE FOR ACCIDENTS ON PREMISES
LUNCH RIGHTS RESERVED

SAT. FEB. 10 - 9AM, 5 Tractors & Full Like of Farm Equip., 130 Elm Rd., Lititz, PA, J. Wilbur & Barbara Hess, owners, Wolgemuth Auction Service., Aucts.

SAT. FEB. 10 - 10AM, Power Farm Machinery, 4 Tractors, Few pieces of industrial equipment, Spring Garden, Lanc. Co., Henry K. Fisher, owner, Steve and Steve, Jr. Petersheim, Aucts.

MON. FEB. 12, Farm Equipment, Denver, PA, James Martin, owner, Paul E. Martin and John D. Stauffer, Aucts.

MON. FEB. 12 - 10:30AM, Potato Farm Machinery and Irrigation Equip., Cranbury, New Jersey, Stanley Stolts, owner, Pirrung Auctioneers, Inc., Aucts.

TUES. FEB. 13 - 10AM, Livestock & Farm Equip. Located 5 Miles South of Quarryville, 6 miles north of Oxford. Just east of Route 472 at rear of Kirkwood Post Office Jacob R. Beiler, Owner. Diffenbach, Auct. 225L.

TUES FEB. 13 - 10.30AM, Cranbury (Middlesex Co) New Jersey. Danser and Bloom Potato Farm Equipment Dispersal, Pirrung Auctioneers, Inc., Wayland, New York 716-728-2520.

WED. FEB. 15 & THURS FEB. 16 - Large 2 Day Sale Of Farm Equip. At Horst's Machinery Lot, Marion, Pa. 17235. Ralph W. Horst, Manager.

FEB. 16 - 10AM, Horse Sale, New Holland Sales Stables, Inc., New Holland, PA.

SAT. FEB. 17, Complete Milking Herd Dispersal, Landisburg, PA, Ed McMillen, owner, Kling's Auctions, Inc., Sale Mgrs

SAT. FEB. 17 - 9AM, Farm Machinery, Draft Horses, , full line of floor model working tools, North of Smoketown, Lanc. Co., Daniel Smucker, Jr., Steve and Steve, Jr Petersheim, Aucts.

SAT. FEB. 17 - Tack 9:30, Horses 11AM, Draft Horses, Drivers and Meat Horses, at the Belleville Livestock Market, Belleville, PA, Mark Glick, Auct.

MON. FEB. 19 - 11AM, Potato Farm Equipment, at St. Henry's, Ohio, along the Indiana State Line, Stucke Farms, Inc., owners, Pirrung Auctioneers, Inc , Aucts

TUES FEB 20 - 9AM, Full Line of FE & Livestock, located 1 mi. E of Intercourse between Rt. 340 and 772 on Field Crest Lane, Abram S. and Salome E. Beiler, owners, Robert E. and Jeffrey R. Martin, Aucts.

TUES FEB. 20 - 9:30AM, Full line of farm machinery, 3 pair of draft horses, 25 ewe sheep, milking equip , AC XT190 tractor on steel, located N of Cains, Lanc. Co , PA, David L and Lydia Stoltzfus, owners, Steve and Steve, Jr. Petersheim, Aucts

TUES FEB 20 - 10AM, A Good Line of Farm Mach. and Clean Up Items, located in Mifflin Co , 1 mi W. of Belleville, PA, along Rt. 305, Norman and Anna Mary Hostetter, owners, Mark Glick, Auct.

SHORT NOTICE PUBLIC AUCTION

Farm Equipment, Butchering Equipment, Tools, Car, Boat, Trains

MONDAY, JAN. 1, 1990
NEW YEAR'S DAY
10:00 A.M. SHARP!

(In Case Of Impossable Roads Only- Saturday, January 6, 1990)

Located: On Rte. 895 in the village of Rock, 5 miles west of Rte. 183 and 5 miles east of Pine Grove, Pa.

Farm Equipment: IH 574 w/cab diesel 3pt. engine overhauled approx. 50 hours ago, Farmall 450 diesel-gas combination 3pt. engine overhauled approx. 20 hrs. ago, with New Idea loader (offered separately), NH 66 baler, NH 461 9' haybine, JD 3pt. 4 bottom plow, field sprayer, NH 475 manure spreader, Smoker 24' elevator, JD hay chopper, JD disc, 8' cultipacker, hay rake, 4 flat wagons, 3 section harrow, 3 bottom trailer plow, sm. harrow-roller, V-blade, 3pt. post hole digger, 5' 3pt. rotary scythe, 6' 3pt. sickle bar, 3pt. wood splitter (like new), 3pt. round bale carrier, 3pt. boom pole, 3pt. rear scoop, 8' 3pt. disc, 7' 3pt. scraper blade, 3pt. fertilizer spreader, 7' 3pt. stone rake (like new), sm. utility trailer, car dollie, 300 gal. gas tank, round bale feeder, sm. round corn crib.

Tools: Campbell Hausfield 3hp. air compressor (like new), Schumacher 6 and 12 volt battery charger, 5 speed drill press on stand, Airco acetylene torch and gauges, water tank warmer (new), Sonin 60 room measurer, hydraulic cylinder, 1 ton electric hoist, tool boxes, Craftsman sockets, asst. wrenches, air tank, large vise, asst. hydraulic jacks, floor jack, ¾ " socket set, air dye grinder; unvented propane gas heater, 5,000 BTU gas heater, creeper, impact wrench, impact sockets, WEN electric chainsaw, Skil chainsaw and others, misc. chainsaw parts, weedeater and misc. parts, air chisel, fence charger, 2 jigsaws, air grease gun, bolt cutters, c-clamps, lawn seeder, handyman jacks, circular saw, air hose, sand blast kit, wheelbarrow, hand saws, Kerosun heater, ear tagger, chains, hitch pins, pliers, extension cords, screwdrivers, shovels, forks, asst. drill bits, 2-man saw, levels, hammers, hatchets, tap & die set, broadcast seeder, traps, several scrap piles, lg. amt. rough lumber, and other related items.

Butchering Equipment: Hobart meat bandsaw, 1hp. General meat grinder, 2 sausage stuffers, Wellsaw splitting saw, 3 butcher kettles, propane kettle burners, meat hooks, track hooks, 2 beam scales, hand meat saw, knives, and other items.

Car: 1962 Ford Falcon 6cyl. standard shift runs good body fair (restorable).

Boat: 16' Tri-hull open bow with 65 hp. Mercury motor.

Trains: American Flyer engines 283 and 307 with tenders, 2 American Flyer cabooses, engine 300 with tender and cars (painted), several asst. cars, track, 2 transformers, and old Tyco HO train set Santa Fe engine (nice).

Misc.: Redding 12 and 16 gauge shell reloader, 2 adult 3 wheel bicycles (like new), brass carbide lamps, brass face scales, and crocks.

Terms: Cash or good PA check.
Not Responsible for Accidents
Good Food by Schuyl. County Fair Assoc.
Order of Sale: Tools, Butchering Equipment, Farm Equipment.

Note: Car, boat, and trains sold approx. noon.

SELLING FOR:
HAROLD A. GERMAN
(717) 345-6433

ROBERT W. DERFLER
AUCTIONEER AU-2682-L
PINE GROVE, PA (717) 345-3359

LARGE FARM DISPERSAL

7 TRACTORS- 7 TRUCKS- ORCHARD & FARM MACHINERY- BULK BINS- AGWAY BUILDING- TOOLS- SLEIGHS- ANTIQUES- LAWN & GARDEN- PITZER BROTHERS FRUIT FARM INC.

Located 4-miles North of Biglerville, PA- along Route 34 (at Gabler's Truck Terminal)- turn left- first farm on Gabler Road- on

SATURDAY, DECEMBER 30- 9:00 A.M.

Tractors- 1984 Kubota M7500 diesel, 4 wheel drive, 3 pt., 2 remotes, spray cab, 16.9-24 rears, weights, 1530- 1 owner original hours, excellent condition; VN Massey Ferguson Model 265 diesel tractor, 16.9x28 rears, spray cab, front weights, 3 pt., 2 remotes; MF 135 diesel 18.4x16.1 rears, 3 pt., remote, Sims cab w/ Wilde front mount hyd. mini-lift bin loader (offer separate & together); MF Model 31 diesel, like new 16.9-24 rears, remote, 3 pt., Sims cab, 2868 original hours w/ Wilde HD 3000 lb. capacity, 3-way front lift (offer separate & together); MF Model 65 diesel, 3 pt., remote, 16.9-24 rears, Sims cab, rebuilt motor w/Henry front mount carrier, 3-way hyd. (offer separate & together); 7 ft. angle snow plow for above; MF Model 31 diesel, excellent 18.4x26 rubber, remote, 3 pt., Sims cab w/MF Model 200 HD loader w/hyd. bucket; 1941 Cat D2 crawler tractor, nice condition, pony motor start, PTO & belt pulley; like new John Deere Model 165 Hydro 11 HP w/38" rotary mower - 1 year old; MF Model 10 lawn & garden tractor, variable speed, 10 HP w/36" rotary mower.

Orchard Equipment- Ag Tec Model 6003-4 400 gallon sprayer, Detroit diesel engine, electric valves & brakes; Ag Tec Model 6003-4 300 gallon sprayer, Detroit diesel w/manual valves; Myers Model 2A42 500 gallon sprayer w/345 cu. inch IH V8 gas engine; 400 gallon fiberglass tank on trailer w/FMC PTO pump for weed, crop boom or hand gun spraying; Friday limb shaker - complete, field ready w/Wisconsin engine; Friday limb shaker for parts, conveyor half; 2-shaker arms f/Friday shakers; 2-Hydra Ladders- both torque hubs & Kohler 2 cyl. engines w/ hyd. pruners; LN Limb Lopper hyd. 6 ft. saw; 2-LN Limb Lopper hyd. heavy duty pruners; other Limb Lopper pruners; homemade trailer for moving hydra-ladders; Rhino 10 ft. bat wing mower, PTO, hyd.; Woods Model 210R hyd. lift bat wing mower; 2-heavy duty New Idea 3 pt. carriers; Greenline 3 pt. hyd. tilt bin carrier; Wilde 3 pt. tree planter; 6-20 ft. orchard trailers- some have wheel pockets (for bins, big bales, etc.); weed sprayer boom w/control; 2-3 pt. bin carriers; Vicon Model CM240 3 pt. disc mower; Calway pull-type hyd. brush rake; Hale portable pump w/3.5 HP motor & hoses; 100-14 ft. to 24 ft. picking ladders; 10 picking stepladders; 707 very nice 25 bushel bulk bins; 25 new bulk bins; 1000 bu. crates; 900-½ bushel crates; 1300 new ½ bushel baskets; 450 used ½ bushel baskets; 185-¾ bushel baskets w/lids; 230-½ bushel baskets w/lids; 50 bushel baskets w/ lids; lot picking bags includes- 30 apple, 24 new & used peach, metal & canvas, orange picking bags & lot new straps, etc.; pruners, saws, etc.; Bird alarm or scarce system; 1300 metal tree guards; 500 plastic tree guards; grader table.

Other Equipment- John Deere 2 bottom 3 pt. 16 inch trip back plow; 3 pt. subsoiler; Massey Model 38 3 pt. 2-row corn planter w/dry fertilizer; Meyer Model ST102 9 ft. angle snow blade; New Idea 3 pt. fertilizer, twin spreader, 2-Polaris Model 250 RES Trail Boss 4 wheelers in very nice condition; 3-McCulloch Power Mac 6 chain saws & 1 McCulloch Model 610 chain saw; 2-Stihl 009L chain saws; Fairbanks 500 lb. platform scales; 5 various rotary lawn mowers; hand & horse cultivators; lot hyd. hoses, cylinders, valves, etc.; lot used tractor & truck tires; new Duo Fast air nailer- complete; Advance Hurricane 1000 lb. high pressure washer w/soap; Wisconsin Model VH4D 4 cyl. engine (excellent condition); Sure Start 6 & 12 volt, 50 amp battery charger; like new Craftsman 1 HP portable air compressor; portable air tank; 125 gallon fuel tank w/electric pump; chain binders; lot log chains; tie down chains; jacks; bag dollys; block & falls; grindstone w/motor; 1x2 & 2x4 mesh wire; lot camp beds, springs & mattresses; refrigerators; water coolers; platform dollys; several sections roller track; large amount misc. hand tools; lot lawn & garden tools; lot shop hardware.

Agway Pole Building- 48 ft. by 54 ft. red & white- 18 ft. 8 inch clearance, open ends, 6 years old- easily disassembled.

Trucks- 1975 White Road Boss tractor, tandem, 290 Cummins, 10 speed, good rubber & very good mechanical condition; Trailmobile 40 ft. flat-bed trailer, tandem & very nice condition; 1968 GMC 3500 Series 1-ton dump, like new 292 6 cyl., 4 speed, 8 ft. by 10 ft. bed, 34,390 original miles; 1960 GMC 4000 Series- 305 V8, 4-2 speed axel, 15 ft. metal bed w/racks, 8.25-20 rubber, 52,950 original miles; 1982 GMC High Sierra 1500, 305 V8, ½ ton, auto., 42,760 original miles; 1978 GMC Sierra Grande 15-½ -ton, 350 V8, auto., 42,390 original miles; 1977 Ford 100 Custom-½ -ton, 302 V8, 3 speed, 51,975 miles w/cap; 1972 GMC 2500 Custom- ¾ ton, 4 wheel, 350 V8, 4 speed, mechanical A1, 37,350 original miles.

Antiques-Etc.- Old Triumph cider press in very nice condition; old wood barrels; large old grinder; wood & metal beam horse plows; wheelbarrow seed sower; buggy jack; old Conestoga wagon jack; J.H. Hemminger- Walnut Bottom, PA- 1 horse sleigh; old sleigh w/shafts; old horse ground scoop; nice 2-horse heavy duty log or work bob sled; VN 1-horse box or delivery sleigh; nice cast farm bell; tinners horn; grain cradles; lot 1 & 2 man saws; old buck saws; old hay forks; old corn shellers; nail kegs; old berry crates; wood measure; old horse shoers bench; RR oilers; lanterns; milk cans; mortised benches; cast pitcher pump; sleds; lot old hand tools; old wood cabinets; barrel borers; steelyard scales; lot old porch rockers; old wood wheelbarrow; lot all kinds lumber; lot nice wood porch furniture; many other items.

Auctioneer's Note- A very nice complete dispersal sale of 3 generations of fruit farming- Most all items 1-owner & bought new- Most all equipment in excellent mechanical condition- Sale Week Inspection Only- Plan to Attend This Sale- Two auctioneers selling during morning- Large Equipment- 12:00-12:30 P.M.

Terms- Cash or Checks By Approval of owner or auctioneer- Lunch Stand- Aspers Fire Co.

PHILIP M. PITZER
PRESIDENT
Ph: 717-677-7716
C. David Redding- Auctioneer
PA License No. 742-L
Gettysburg, PA- Ph: 717-334-6941

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

THURS FEB 22 AND FRI FEB 23 - 9AM Each Day, Antique Tractors, Engines, New, Used and abuse farm equip., 10 mi E of Lancaster, 2½ mi W of New Holland, turn off Rt 23 on S Groffdale Rd , turn left on Musser School Rd , Lanc Co , PA, Elias S Beiler, owner, Robert E Martin and Son, Aucts.

FRI FEB 23 - 9AM, Horses, Dairy Cattle, a good line of machinery, etc , located in Huntingdon Co , 2 mi S of Allensville, PA, along Jack's Mt Rd., Mr and Mrs. Joe Detweiler, owners, Mark Glick, Auct

SAT FEB 24, Complete Line of Farm Machinery, Carlisle, PA, Galen Byers, owner, Kling's Auctions, Inc., Sale Mgrs.

SAT. FEB 24, Sixteenth Annual Public Sale, Farm Equipment, Tools, Household goods, etc., etc., By Straburg Fire Co.

SAT. FEB. 24 - 9AM, Consignment Sale, Frederick Fairgrounds, Frederick, MD, Equine Service of Maryland.

SAT. FEB. 24 - 9AM, Farm Equipment, for Rockhill Bros., Lumberton, NJ, Allen Nixon, Auct.

SAT. FEB. 24 - 9AM, Farm Machinery, Some HH Items and Furniture, located in Mifflin Co., turn off Rt. 655 Midway between Reedsville and Belleville, PA onto Barrville Rd. travel 1 mi., Josie A. Hostetter, owner, Mark Glick, Auct.

SAT. FEB. 24 - 11AM, Dairy Herd and Farm Equip., located along Witwer Rd., Lanc. Co., PA, 1 mi. SE of Blue Ball, Elvin and Martha Nolt, owners, Paul W. and LeRoy S. Horst, Aucts.

TUES. FEB. 27, Dairy Herd Dispersal & Farm Machinery, Newville, PA, Donald Halter, owner, Kling's Auctions, Inc., Sale Mgrs.

TUES. FEB. 27 - 9AM, HH Goods and Antiques, located 1 mi. E. of Intercourse between Rt. 340 and 772 on Field Crest Lane, Abram S. and Salome E. Beiler, owners, Robert E. and Jeffrey R. Martin, Aucts.

TUES. FEB. 27 - 9AM Full line of horse drawn farm machienry, draft horses, Holstein heifers, HH Good & Antiques, North of Cains, Lanc Co, Benjamin and Annie Allgyer, owners, Steve and Steve, Jr. Petersheim, Aucts

TUES. FEB 27 - 11AM, Milking Herd Dispersal-70 registered holstein milk cows, located in Huntingdon Co., 3 mi E of Petersburg, PA or 12 mi. W. of McAlwys Fort, PA along Rt 305, Peaceful Terrain Farms, Elmer and James Davis, owners, Mark Glick and Dale Gibboney, Aucts

MARCH

THURS. MAR. 1 - 12 30PM, 73 Acre Farm, located on Little Beaver Rd., 1 mi. SE of Strasburg Boro, from Rt. 896 go S. on Bishop Rd. to Little Beaver Rd. East, Harriet Herr, owner, Steve Petersheim, Auct.

FRI MAR 2 and SAT. MAR 3, 2 Day Auction, 20th Annual Consignment Sale, at Donald Scheese Farm, Elmer, NJ, Blaine Rentzel, Auct.

FRI MAR 2 - 9AM, Spring Machinery Auction-All kinds of machinery and tractors, at the Belleville Livestock Market, Belleville, PA, Glick, Gibboney, Gilliagan, Aucts.

FRI. MAR. 2 - 10AM, Horse Sale, New Holland Sales Stables, Inc., New Holland, PA.

SAT. MAR. 3 - 8AM, FE, HH Goods, Tools, Antiques, Horses, etc., and

SAT. MAR. 17 - 8AM, Building Materials, located 6 mi. SE of Strasburg along Rt. 896 in the Village of Georgetown, Lanc. Co., PA, The Bart Twp. Fire Co , Local Auctioneers.

PLANS ARE BEING MADE FOR THE

10TH ANNUAL HEIFER SALE FOR WORLD RELIEF

THURSDAY, MARCH 8, 1990

at

Mel Kolb's Black & White Dairy Barn
Lancaster, PA - 2 Miles West On 283.

Donations Will Be Accepted Of Registered And Grade Holstein Heifers Or Any Breed - Milking, Bred And Open, Registered- 6 Months Or Older, Grades- 1 Year Or Older. Donations Of Hay, Straw, Grains, And Cash Will Be Accepted.

FOR INFORMATION CONTACT:

Kenneth Beiler, Gap, PA.....215-593-6434
Sam Beiler, Warfield, PA.....717-374-9649
Harold F. Crider, Chambersburg, PA.....717-597-3965
J. Wilmer Conrad, Lititz, PA.....717-626-1736
Earl Fuhrman, Hanover, PA.....717-637-9593
Abner Glick, Mifflinburg, PA.....717-966-2036
Harold H. Haldeman, Doylestown, PA.....215-348-5648
John Harnish, Lancaster, PA.....717-464-3752
L. Eby Hershey, Intercourse, PA.....717-768-3317
Jason Hertzler, Milton, PA.....717-437-2139
Arlin Keener, Mountville, PA.....717-285-7426
Abraham S. King, Gordonville, PA.....717-354-4375
Daniel Kolb, Spring City, PA.....215-495-6097
Clyde Martin, East Earl, PA.....215-445-6008
Paul Martin, Stevens, PA.....215-267-6460
Kore Peachy, Milroy, PA.....717-667-3107
Sylvan Ressler, Quarryville, PA.....717-786-2103
Harold Shellenberger, Mount Joy, PA.....717-653-5663
Leonard Stoltzfus, Oley, PA.....215-689-5540
Clarence Stover, Jonestown, PA.....717-865-2745
Harold K. Wilmer, Manheim, PA.....717-665-3778
Jonas E. Stoltzfus, 5549 Old Phila. Pike, Gap, PA.

Auctioneers:
Lee Kurtz, Cochranville, PA.....215-593-5367
Omar Stoltzfus, Oxford, PA.....717-529-6301
John Umble, Atglen, PA.....215-593-5756

Pedigrees:
Dale Hoover, Lebanon, PA.....717-867-2489

Semen:
Leroy C. Sensenig, Quarryville, PA.....717-786-3128

Sales Manager:
Wilmer G. Kraybill, Elverson, PA.....215-286-9576

Sale Proceeds Will Be Donated To Mennonite Central Committee, Akron, PA, To Help Clothe The Needy And Feed The Hungry Of The World In The Name Of Christ.

SURPLUS **Miller** *SURPLUS*

PUBLIC AUCTION

SAT., DEC. 30 @ 9:00 AM

SURPLUS MERCHANDISE FROM TULPEHOCKEN SCHOOL DIST.

Location: Auction will be held at the Bernville Elementary School, located along Rt. 183 in the village of Bernville, Berks Co., Pa.

Assorted Typewriters, 4' & 8' Fluorescent Lights, Blackboards, Assorted Sewing Mchs., New Cans Of Roof Coating, Hobart Potato Peeler, Hobart Meat Grinder, Folding Tables, 30 Lbs. Butcher Scale, Steam Pans, Stainless Ware, Many Desks, Folding Chairs, Archery Items, Assorted Roll Up Maps, Utility Carts, Globes, Projectors, About (400) Serving Trays, China Glassware, A.B. Dick Offset Duplicator, Savin Model 760 Copier, 36"x48" Butcher Block Table, Band Saw, Hundreds Of Text Books, English, Math, History, Music, Science, Hundreds Of Other Items To Be Sold.

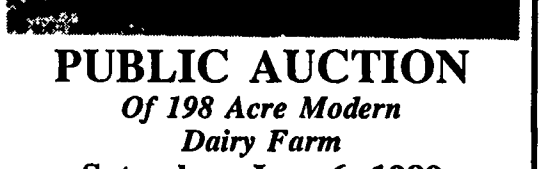
SNOW DATE: SAT., JAN. 6 - 9:00.

AUCTION ORDERED BY:
TULPEHOCKEN SCHOOL DISTRICT

Food Available!

Auctioneer:
Dwight D. Miller AU-002414-L
717-933-5736

TERMS: CASH OR PA CHECK



PUBLIC AUCTION

Of 198 Acre Modern Dairy Farm

Saturday, Jan. 6, 1989

at 2:00 P.M.
to be offered in 3 parcels
or as an entirety.

Located approx. 3 miles West of Conestoga along Witmer Rd. Manor Twp., Lanc. Co. Pa.

HOUSE 2½ story stone & frame dwelling with alum siding & asbestos siding 4 bedrooms, bath.

BARN 34'x60' structure with a Twin Six milking parlor with auto, take offs. Milk house with a 2000 gal. tank, 16 stanchions for cows, area for hospital & Vet checks.

TOOL SHOP 24'x48' stone & frame, 3500 lathe cap.

BARN 28'x50' Stone, block & frame, 2½ story used for hay storage with a 24'x30' two story addition.

GARAGE 20'x26'- 1½ story block & frame detached garage.

OUTBUILDING 12'x28'- 1½ story stone & frame structure.

SHED 38'x80' Block & frame with 1 side open, one floor.

3 SILO'S 20'x78' Crop Store metal roof. 20'x70' Stave metal roof and 20'x68' Crop Store metal roof.

CORN CRIBS 3- 1200 Bu. metal cribs/metal roofs.

LAND Total Acres 198, tillable acres 165, approx. 20 acres in pasture-land. Bal. building area etc.

For information & appointment to inspect call (717) 786-1146 or (717) 786-4246 ask for Ron or Bob Bard.

Terms By,

Lee C. &
Edith M. Ressler

Auctioneers:
Elton Horning #AU-000434-L
Ronald Bard #AA-001836-L

CONSIGNMENT HORSE SALE

SPECIAL DRAFT & DRIVING HORSES

Also
RIDING & SLAUGHTER HORSES
SATURDAY, DECEMBER 30, 1989
10:00 A.M. Sharp
Tack To Be Sold At 8:30 A.M.

Keister's Middleburg Auction Sales, Inc. Rt. 555 3 miles East of Middleburg, Pa. 5 miles west of Selinsgrove, Pa.

For information call: 717-922-1490 or 717-837-2222 or 717-523-0360

Keister's Middleburg Auction Sales, Inc.
Rt. 522 R.D. 3 Middleburg, PA

Owners,
DON & WALT KEISTER

Ray Long & Dave Imes, Auctioneers

Terms: Cash **Trucking Available** **Restaurant Open**

CHARLES HAMSHER MILKING HERD AND PRODUCE AUCTION

WED., DEC. 27,

11:00 A.M.

Dansville, (Livingston Co.) New York
(Blizzard Date Thurs., Dec. 28)

Sale to be held at the farm 5 miles north of Dansville, NY on Co Rd. 29 (Upper Conesus Road) just north of Sparta Center Fire Hall. From State Rte. 256 (4 mi. north of Dansville, 3 mi. south of Scottsburg) turn up Church Road at the Methodist Church, at the Fire Hall turn left to 1st farm.

Due to the health of both Charles, Sr. and Charles, Jr., selling will be:

110 MILKING AGE COMMERCIAL HOLSTEINS

Freestall housed and parlor trained. This is a young herd with the potential of doing much better for new owners! Pregnancy examined, 30 day blood and TB tested for interstate, inoculated against shipping fever. Reliable truckers available!

PRODUCE: App. 2500 bu. oats in 1 lot; App. 1500 bales oat straw in 1 lot; App. 1500 bales second cut mixed hay in 1 lot; App. 5000 bales first cut mixed hay in 3 lots.

Terms: CASH or honorable check with acceptable ID day of auction. Lunch on sale site.

Owned by
CHARLES HAMSHER, SR.
716-335-6892
Auction Conducted By:
PIRRUNG AUCTIONEERS, INC.
Wayland, New York 716-728-2520

RENTZEL'S AUCTION BARN

MONDAY, JANUARY 1, 1990

9:00 AM

ANTIQUES FURNITURE GLASSWARE HOUSEHOLD

LOCATED: 1 1/10 Mile North of Manchester, PA, Along Rt. 181, Turn Right at Gray Rock. Watch for Signs.

Oak Zinc Lined Drysink, 5 Legged Oak Table, 5 Legged Dropleaf Table, 3 Pc. Oak Bedroom Suite w/Bed, Dresser w/Mirror, Washstand; 4 Drawer Leaf Pull Dresser w/ Mirror, Oak Dresser w/Mirror, Miniature Empire Dresser w/Mirror, Painted Corner Cupboard w/2 Glass Door Top, Drawer and Cupboard Bottom; Dovetailed Blanket Chest, Mahogany Slant Front Desk, 2 Empire Chest of Drawers, Oak Vanity, Square Oak Stand w/ Claw Feet, Mahogany Double Bed, 5 Pc. 30's Bedroom Suite w/Twin Beds, 10 Pc. Veneered Dining Room Suite, Living Room Furniture, Maple Gateleg Table, Pressed Back Chairs, Pressed Back High Chair, Wicker Fernery, Wicker Rocker, School Desk, Music Stand, Wooden Rockers, Copper Tub Syracuse Wringer Washer, Like-New GE Color Console TV w/Remote, Kelvinator Refrigerator, Maytag Auto Washer, Zenith TV, Hoover Sweeper, Seth Thomas and Other Mantel Clocks, Spinning Wheel, Crosley Radio, Quilts and Counterpanes, Granite Pcs., Sponge Bowl, Scales, Washbowls, Baskets, Advertising Tins, Mechanical "Duck Salesman", Crocks, Numerous Pictures, Frames and Mirrors; Shoe Lathe, Old Books, Christmas Decorations, Train, Banks, Set of Warwick China (Light Blue Pattern), Halls Bowl, Nippon Pcs., Condiment Set, Green Depression Pitcher, Hobnail Perfume Bottles, Milkglass Dresser Bottles, Pattern Glass Bowls and Goblets, Punch bowl and Cups, Doilies, Dresser Scarves, Linens, Costume Jewelry, Bedspreads, Platters, Mixing Bowls, Kitchen Utensils, Lamps, Electric Fans, Material and Sewing Supplies and Much More!!!

Sale Order: Small Items - 9:00 am; Large Items and Furniture - 2:00 pm.

Note: This is only a partial listing of items to be sold. These items were handed down approximately 4 generations and most are still boxed. Start the New Year at our Auction Barn. It will be one you don't want to miss!

TERMS: CASH OR GOOD CHECK.

Conducted for:
MILDRED KEENEY
Administrator: Hamilton Bank
Rentzel's Auction Service
Blaine & Nevin Rentzel
#RH-000026-L

250-350 HEAD SPECIAL HORSE SALE WORK HORSES DRIVING HORSES MULES

FRIDAY, JANUARY 5, 1990

AT NEW HOLLAND SALES STABLES, INC.
12 Miles East of Lancaster, Pa. just off Rt. 23, New Holland, Pa.

Tack 9:00 PM. Sale 10:00 AM.

* 2 Loads Work Horses and Mules consigned by Ward Wright.
* 1 Load Work and Driving Horses consigned by Bub Leonard.
* 1 Load Work Horses consigned by Billy Meadows.
* 1 Load Work Horses and Mules consigned by Norman Kolb.
* 1 Load Work Horses consigned by Steimer Bros.
* 1 Load Work Horses consigned by Billy Cochran.
* 1 Load Driving Horses consigned by Clayton Waterbury.
* 1 Load Driving Horses consigned by Jonas Beiler.
* 1 Load Driving Horses consigned by Reuben G. Stoltzfus.
* 1 Load Driving Horses consigned by Elam B. Stoltzfus.

Plus many more consignments by sale time.

For more information call:
Norman or David Kolb
717-354-4341- Barn Home- 717-397-5538

NEXT HORSE SALE JANUARY'19, 10:00 A.M.

DAIRY HERD & FARM MACHINERY AUCTION

Friday, December 29, 1989
11:00 A.M. Sharp!

Selling at Kling's Sale Barn, located 15 miles north of Carlisle on Rt. 74, 2½ miles N.E. of Landisburg, Perry Co., Pa.

65 HEAD HOLSTEIN DAIRY CATTLE - 12:00 Noon

Herd consists of 39 Cows of which 12 are registered - (3 Red/whites-2 Registered); 8 dry now - 7 Due for January, 1 for February DHIA Records - Preg. Ch'd - 30 Day Test. 12 Yearling Heifers - 15 Calves; 800 Gal. Mueller Bulk Tank & Auto. Washer sold just before Dairy Herd.

FARM MACHINERY - 11:00 A.M.

J.D. 4020 WF Tractor-diesel-18.4x34 Rubber-Runs Good (Overhauled 2 Yrs. ago); J.D. 3120 Tractor w/front-end loader (146 J.D.); J.D. #50 Tractor-overhauled 2 yrs. ago; I.H. #550 5x16 Plow; 3 pt. 9-chisel Plow; I.H. 12' #370 Disc; J.D. #1240 4-row Plateless Planter; Century 200 Gal. Sprayer; 2 Jer-Dan Hyd. Forage Wagons (1 tandem); 1 Grove Hyd. Forage Wagon; Gehl 600 Harvester - 2 row narrow & grass heads; 3 pt. hitch Round Bale Mover; N.H. 519 Manure Spreader (for parts); N.I. 352 Spreader - 200 Bushel Hyd. Tailgate; 2 Wood-rack Hay Wagons; 1 Bale Queen 18' Pipe Wagon - 6 T. gear; J.D. Van Brunt Grain Drill; Oliver Grain Drill on steel; N.H. 273 Baler w/thrower-Hyd.; N.H. 488 Haybine; N.H. 256 Rake (Like new).

Not Responsible for Accidents.
I.D. Required for Bidder's No.

Owner -
EARL W. OCKER
Box 27, Cocolamus, Pa.

Sale Managed By-
KLING'S AUCTIONS, INC.
R.D. #1, Box 66
Landisburg, Pa. Lic. #500
717-789-3883 (Office)

AUCTION SERVICE KLING'S

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

MARK YOUR CALENDAR

1990 - SPECIAL SALES - 1990
New Holland Sales Stables, Inc.
New Holland, Pa.

Fri.,	January 5 - 10:00 A.M. Horse Sale
Fri.,	January 19 - 10:00 A.M. Horse Sale
Fri.,	February 2 - 10:00 A.M. Horse Sale
Fri.,	February 16 - 10:00 A.M. Horse Sale
Fri.,	March 2 - 10:00 A.M. Horse Sale
Fri.,	March 16 - 7:00 P.M. Horse Sale
Fri.,	April 6 - 7:00 P.M. Horse Sale
Fri.,	April 27 - 7:00 P.M. Horse Sale
Sat.,	May 5 - 10:00 A.M. Grade Heifer Sale
Sat.,	June 9 - 10:00 A.M. Registered Heifer Sale
Fri.,	July 6 - 7:00 P.M. Horse Sale
Fri.,	September 7 - 7:00 P.M. Horse Sale
Sat.,	September 22 - 10:00 A.M. Fall Heifer Sale
Wed.,	October 31 - 9:00 A.M. Dairy Show & Sale

FOR MORE INFO:
Barn- 717-354-4341
Norman- 717-397-5538

REGISTERED AND COMMERCIAL POLLED HEREFORD HERD DISPERSAL FOR DON AND SONS FARMS

SATURDAY, DEC. 30,
11:00 A.M.
Watkins Glen (Schuyler Co.)
New York

Sale to be held at the farm on Co. Rd. 23 about 5 miles northwest of Watkins Glen. Directions from I-17 Expressway Exit 40 at Savona, NY take State Rte. 226 north to Tyrone, turn right onto Co. Rd. 23 and follow to sale; or from State Rtes. 14 or 414 at Watkins Glen, take State Rte. 409 out of Watkins, turn right onto Co. Rd. 28, follow and bear left onto Co. Rd. 23 to sale.

Selling without reserve will be:

140 HEAD INTERSTATE TESTED CATTLE To Consist of: 63 Registered Polled Herefords from strong bloodlines and bred to such sires as Knight Rider; Enforcer; Brooker; Race; etc. 22 cows are bred; 10 cows are open with weaning age calves to be sold as separate lots; 7 bred heifers sell; 7 open yearling heifers sell; 4 bulls coming 2 yrs. old; 4 short yearling bulls; Note: A good group of registered Herefords here. 50 Commercial Herefords Sell: Cows and bred heifers - (cows are bred to an Angus bull; heifers bred to Hereford);

Also selling will be 1 nice Angus bull coming 3 yrs. old; 11 steers; and 15 dairy type heifers bred to Hereford bull for after 1st of year freshening. (5 full Jerseys; 2 Linebacks; 8 Jersey/Holstein cross); all cattle interstate ready, inoculated against shipping fever, necessary animals pregnancy examined. Reliable truckers available. Cattle sold under tent. Lunch available. Something for everyone at this exciting sale! See you the 30th at the Don and Sons Dispersal.

Terms: CASH or honorable check day of auction. Nothing to be removed until settled for. Proper ID required! Lunch available.

Owned by
DON AND SONS FARMS
Donald and Betty Shaffer and family
Watkins Glen, New York
607-535-4136 (week of sale)
Florida Office #305-987-3214

Auction Conducted By:
PIRRUNG AUCTIONEERS, INC.
Wayland, New York 716-728-2520

Dairy and Livestock Sales

SAT. MAR 3, Full Line of Farm Machinery, Millersburg, PA, Mrs. Florence Wert, owner, Kling's Auctions, Inc., Sale Mgrs.

SAT. MAR 3 - 9AM, Farm Equipment, Carpenter Tools, HH Goods and Antiques, located along Rt 625, 3 mi. N. of Blue Ball, Lancaster Co., Isaac S and Lena Hurst, owners, Paul W. and LeRoy S Horst

SAT. MAR. 3 - 9AM, Dairy and Full Line of Farm Equip , located 1 mi. W. of Whitehorse, 6 mi. E of Intercourse along Rt 340, John and Cynthia Beyer, owners, Robert E. and Jeffrey R. Martin, Aucts.

SAT. MAR 3 - 11AM, Complete Farm Machinery and Equip. Dispersal, Horseheads, NY, Alfred and Dorothy Dalrymple, owners, Don Rockwell, Sales Agent.

MON. MAR 5 - 9AM, Annual Spring Consignment Auction of Farm Equipment, Lebanon Area Fairgrounds, Lebanon, PA, Lebanon Valley Auction Co., Inc., Aucts.

TUES MAR 6, Complete Line of Good Farm Machinery, Mechanicsburg, PA, Jack Ritter, owner, Kling's Auctions, Inc , Sale Mgrs

TUES MAR 6 - 9AM, 85 Head Dairy Cattle, good line of machinery and some household, 1 mi. SE of Allensville, PA, along front Mt Rd , Joe N Peachey, owner, Mark Glick, Auct

THURS. MAR. 8 - 11AM, 10th Annual World Relief Heifer Sale, Melvin Kolb Sale Barn, Lancaster, Wilmer Kraybill, Mgr.

FRI. MAR 9, Farm Machinery Dispersal, Carlisle, PA, Dale Jardine, owner, Kling's Auctions, Inc , Sale Mgrs

FRI MAR 9 - 9AM, Holstein Heifers, Farm Mach and some furniture, located in Mifflin Co., turn S off Rt 22 at the W side of McVeytown, PA, onto River Rd , 2 mi to farm, Eli S. Renno, owner, Mark Glick, Auct.

SAT MAR 10 - 10AM, Full line of farm machinery, 4 tractors, Hay & ear corn, Chester Co , PA, ½ mi S of Oxford, Carl & Karen Zook, owners, Steve and Steve, Jr Petersheim, Aucts

SAT. MAR 10 - 10 30AM, A Nice Line of Farm Equipment, Grand View Rd , Skillman, NJ, Leonard James, owner, Col Fred R Daniels Auctioneers, Inc.

THURS MAR. 15, Farm Machinery & related items, located in Cumberland Co , near Boiling Springs along Old York Rd , Robert Holtry, owner, Foreman and Wickard, Aucts

PUBLIC SALE

Dispersal Of 50 Registered Holsteins

SATURDAY, JANUARY 6 — 11 A.M.

Leola, PA

(At the Farm) Located 10 miles east of Lancaster, 4 miles west of New Holland on East Eby Rd. Take Hess Rd. south off Route 23 (at the Turkey Hill Minit Market), right on East Eby Rd., 2nd farm in lane on right side.

34 Milking Cows
12 Bred Heifers 4 Service Age Bulls
Young Herd — Good Type — High Production
20- 2 & 3 Yr. Old Herd Averaging 60 Lbs. Daily.
30 Day Health Charts — Calfhood Vaccinated

This herd is disease free and certified & accredited. All animals selling but one have been born & raised on this farm.

#1 — 6 yr. VG-85 Bell. VG Mammary 33,900M 1,100F (Cow Index +1367). Bred to Mark. Dam is 90 with EX MS & 28,400M. 2nd dam EX-90 17,240M. 3rd dam EX-93 28,000M; 4th dam EX-90 19,000M.

#2- 3 yr. VG-85 Spirit. VG Mammary 17,781M 608F. Bred to Mark. Her June 88 Bell Troy Dtr. Bred to Mark. Maternal sister to #1.

#4- 4 yr. GP-83 Bell 25,246M 901F. Milking 135 lbs. (Cow Index +1488). Dam VG-86 23,535M 822F. 2nd dam VG-85 23,032M 903F.

#5- VG-86 Mil-Nor dtr. VG Mammary 24,541M 860F. Milking 118 lbs.

#18- VG-85 Spirit. VG Mammary 25,604M 952F. Milking 105 lbs. Dam EX-90 22,863M 863F. 2nd dam 21,080M 900F. Maternal sister to #8 & #17. .

#17- 3 yr. VG-85 Tony 16,026M 550F. Due 3-10-90 to Ned Boy. Maternal sister to #18 & #8.

#8- VG-87 Very. VG Mammary 16,815M 658F. Due 4-5-90 to Cleitus. Maternal sister to #17 & #18.

#9- 3 yr. Valiant 15,631M 4.1 656F. Fresh 80 lbs.; Maternal sister to #10. Dam VG-87 16,815M 658F. 2nd Dam EX-90 22,863M 863F.

#10- 4 yr. GP-83 Bell 23,612M 854F. Fresh 90 lbs. Maternal sister to #9.

#11- 3 yr. Valiant 16,082M 4.2 650F. Fresh 80 lbs. Dam 23,612 854. 2nd Dam VG-87 16,815 658. 3rd dam EX-90 22,863 863.

#28- 3 yr. Valiant 20,460M 786F. Dam VG-85 21,137M 752F.

#26- Starwar Heifer. 4 generations VG Dams. Due 6-12-90 to Mark.

#19- Bachelor Heifer. 2 generations VG Dams. Due 1-29-90 to Starwar.

#24- 3 yr. old Valiant 15,304M 583F. Dam VG 25,981M 1,044F. 2nd dam VG-87 25,780M 942F. 3rd Dam VG-87 20,730M 822F. Due in January to Starwar.

4 Service-Age Bulls Sell

Beautician Son— Dam #10. **Arrow Son**— Dam #5.
Eagle Son— Dam #4. **Eagle Son**— Dam 24,142M 852F.

Sires Represented: Bell 13; Valiant 6; Spirit 2; Starwar 2 & others.
Service Sires: Mark, Cleitus, Starwar, Royalty, Tong & others.

Terms By
Ephraim D. & Elizabeth Riehl
247 East Eby Road
Leola, PA 17540
Reason For Selling Ill Health.

Sale In Tent — Lunch Available
All out of state buyers must have letter of credit from bank.
For Catalogues 717-569-0675

Auctioneer
Paul L. Snyder AU-000873-L
717-733-7052

Pedigrees
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POULTRY AND LIVESTOCK FEED
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Public Auction Register

Closing Date Monday, 5 00 P M
of each week's publication

FRI MAR 16 - 10AM, Mules and Farm Equip , locatd 13 mi E of Lancaster, 13 mi W of Coatestville, ½ mi N of Rt 30 from Rough & Tumble Museum, John S King, owner, Diffenbach, Aucts

FRI MAR 16 - 7PM, Horse Sale, New Holland Sales Stables, Inc , New Holland, PA

MON MARCH 19, Farm Equipment and TUES MAR 20, Tractors and Combines, Groffdale, PA, M M Weaver, owner, Paul E Martin and John D Stauffer, Aucts

TUES. MAR 21, WED. MAR 22 & THURS MAR 23 - Large 3 Day Sale Of Farm Equip At Horst's Machinery Lot, Marion, Pa 17235, Ralph W Horst, Manager.

FRI MAR 23 - 9 AM, A Full Line of Modern Machinery and Some HH Items, located in Mifflin Co , 1 mi W of Belleville, PA, turn W off Rt 655 onto Renno Rd , 1 mi to farm, Simon and Allen Peachey, owners, Mark Glick, Auct

SAT MAR 31, Super well kept hay & grain farm machinery, S Middlebush, NJ (near New Brunswick, NJ) Donald Tallmadge, owner, Col Fred R Daniel Auctioneers, Inc

APRIL

FRI APR 6 - 7PM, Horse Sale, New Holland Sales Stables, Inc , New Holland, PA

SAT APR 21 - 9AM, Belleville Mennonite School Auction, Quilts, Fresh Meats, Crafts, etc , located 1 mi S of Belleville, PA, Glick and Gibboney, Aucts

FRI APR 27 - 6PM, Spring Heifer Auction-300-400 Heifers all ages, some registered, at the Belleville Livestock Market, Belleville, PA, Mark Glick, Auct

Dairy and Livestock Sales

FRI APR 27 - 7PM, Horse Sale, New Holland Sales Stables, Inc , New Holland, PA

MAY

SAT MAY 5 - 10AM, Grade Heifer Sale, New Holland Sales, Stables, Inc , New Holland, PA

JUNE

SAT JUN. 9 - 10AM Registered Heifer Sale, New Holland Sales Stables, Inc , New Holland, PA.

JULY

FRI JULY 6 - 7PM, Horse Sale, New Holland Sales Stables, Inc , New Holland, PA

SEPTEMBER

FRI SEPT 7 - 7PM, Horse Sale, New Holland Sales Stables, Inc , New Holland, PA

SAT SEPT 22 - 10AM, Fall Heifer Sale, New Holland Sales Stables, Inc , New Holland, PA

OCTOBER

WED OCT 31 - 9AM, Dairy Show & Sale, New Holland Sales Stables, Inc , New Holland, PA

NOTICE

To assure that your Public Sale appears in the Public Sale Section we must have your advertisement by 5 P.M. Tuesday of each week's publication.

DEALER IN ALL KINDS OF LIVESTOCK

Also Crippled & Down Cattle

MARLIN S. IRWIN

Quarryville, PA
PH: 717-786-3016

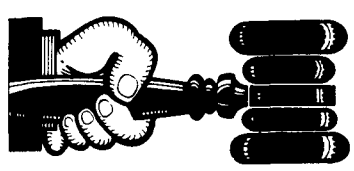
PIGS

STATE GRADED SALE
FRI., JAN. 5
1:30 P.M.
WESTMINSTER
LIVESTOCK AUCTION
Westminster, MD

Now holding 2 sales each month on 1st & 3rd Fridays.

Phone (301) 848-9820 or (301) 857-1179

MILK. IT'S FITNESS YOU CAN DRINK.



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FRIDAYS

Produce, Egg, Miscellaneous Auction Starts At 6 P.M.
Poultry Auctions Start At 7 P.M.
Doors Open At 7:30 A.M.
To Accept Consignments
Open Air Market All Day And Evening
Doors Open At 7:30 A.M. To Rent Market Spaces. Over 2.5 Miles Of Outside Concessionaires And 30,000 Sq. Ft. Under Roof.

WEDNESDAYS
Farm Machinery Consignment Auction

The F.. WEDNESDAY EVENING OF EACH MONTH at 6 P.M. sharp.
We are open the preceding Tuesday of each sale day to check in consignments from 8 A.M. to 8 P.M. Handling farm machinery, lawn and garden equipment, tools, fire wood, cut lumber and related miscellaneous items. Five auctioneers operating simultaneously.

Hay And Straw Grain EVERY WEDNESDAY

selling truck load lots by the bale or ton starting at 1 P.M.
Barn Opens at 8 A.M. to Consign
Jim and Ken Baer
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"Sales Every Week Since 1955"

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DAIRY SALE

NEW HOLLAND SALES STABLES, INC.

Located 12 Miles East of Lancaster, just off Rt. 23, New Holland, Pa.

WEDNESDAY, DEC. 27, 1989

SPECIAL HERD DISPERSAL FOR VALLEY SHADE DAIRY

40 HEAD HOLSTEINS IN ALL STAGES OF LACTATION. MANY YOUNG COWS WITH GOOD UDDERS. TB AND BLOOD TESTED AND VET CHECKED FOR PREGNANCY.

11:00 A.M. HEIFER SALE ********
12:00 NOON- SEVERAL LOAD OF GOOD FRESH COWS FROM OUR REGULAR SHIPPERS FOLLOWED BY HERD DISPERSAL.

Norm Kolb
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Selling At Shady Lane Dairy Sales, Quarryville, Pa.

Complete Home Raised Herd Dispersal

Ferry Farm, Alburtis, Pa.

103 HEAD HOLSTEINS 103

Record's 14,787 Milk 4% Test 560 Fat.

Thursday, January 4, 1990

11:00 A.M.

Herd Consists Of 52 Mature Cows All Stage Lac. 21 Head Short Bred To Springing Heifers, 13 Heifers 400 To 600 Lb., 8 Heifers 250-300 Lb., 8 Small Calves In Hutches, 1 Reg. Stock Bull From Vesta Grandy Farms. This Is A Young Herd With High Butterfat Test Selling Only Due To Farm Selling. Also 30 Head Fresh And Close Cows And Heifers.
All Heifers In Herd Are Calfhood Vac.

Owners
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Alburtis, Pa. 1-215-682-6257

Shady Lane Dairy Sales, Inc.
Quarryville, Pa.
Phone Glen 1-717-786-2750 Dave 1-717-786-1725

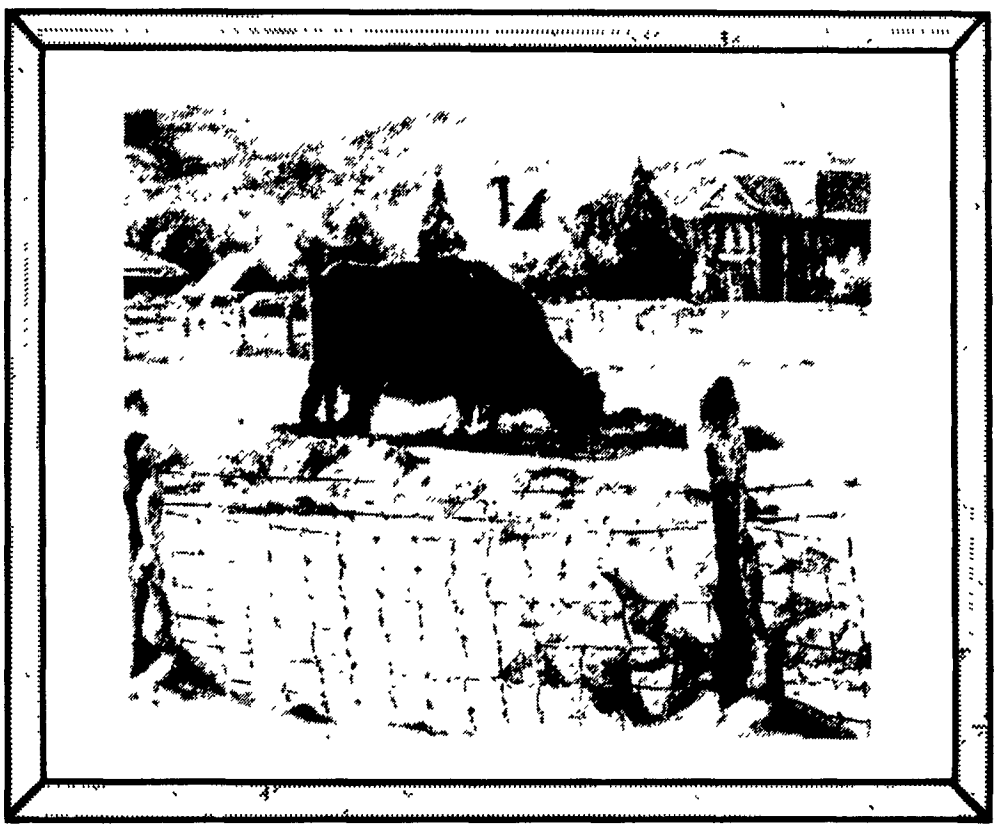
CHRISTMAS GREETINGS

from

everyone at Melvin Kolb, Inc.

Quality Holstein Dairy Cows & Heifers

Lancaster, PA



Woodsboro, MD

3 Trailer Loads from New England States. Registered & Grade Cows, Close & Fresh

2 Trailer Loads of Fancy Grade Fresh Cows & Heifers from New York State.

Grade & Registered Stock Bulls

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Quality Holstein & Jersey Herds For Sale, Registered & Grade, All Sizes

Lancaster, PA Farm
Private Sales Daily
Next Public Auction
Thursday, Jan. 4, 1990
11:00 A.M.

Woodsboro, MD Farm
Private Sales Daily
Next Public Auction
Thursday, Jan. 18, 1990
11:00 A.M.

The warmth of the Christmas spirit is reflected in the cherished friendships we have made over the years. In this spirit it is our pleasure to say "Thank You" and extend our sincere appreciation for the very pleasant association we enjoy with you. Merry Christmas to everyone...

PURINA
MILLS, INC.

Dairy Tips By Dr. John Clark, P.A.S.

Purina Mills Dairy Consultant

Baby Calves: To Feed Roughage Or Not?

In the 1950's and early 1960's many university researchers were working in the United States and in Europe to establish the most important factors influencing rumen development in calves under two months of age.

This research & research conducted since that time explains the reasons for not feeding bulky roughages to this age calf.

They found that when roughages were fed to these calves, rumen volume was greater but rumen wall development was poorer which resulted in poorer performance of the calf in the long run. Therefore, a properly designed complete coarse textured starter ration fed for the first two months developed the rumen wall faster when roughages were not fed. After two months, good quality roughage can then be fed to keep the rumen developing.

RECORD SETTING MILK PRICES OFFER DAIRYMEN AN OPPORTUNITY TO INCREASE PROFITS

However, the reason milk price has climbed is based on the fact that most dairymen are struggling to produce as much milk as last year. The 1989 crop year was difficult to make top quality feeds. NOW IS THE TIME to use High Quality Purina stress packs to overcome the forages and boost your cows to more milk, and more income in your pocket right now.

PURINA® MILK PAK NS	PURINA® DAIRY PLUS®	PURINA® DAIRY BOOST-R-AID®	PURINA® CATTLE-PLUS® II	PURINA® YEAST PAK
- 6 grams Niacin - Selenium - Vitamins A, D & E - Promotes microbial protein synthesis - Helps prevent ketosis - Keeps cows on feed	- oxy tetracycline - Vitamins A, D & E - prevention and treatment of bacterial diarrhea - increases milk production	- Vitamins A, D & E - Niacin - Stress fighter - Highly concentrated	- Vitamin A-5,000,000 units - Vitamin D-1,000,000 units - Vitamin E 500 Units - to use when only extra vitamins are desired	- 200 billion CFU of live yeast - 600 IU Vitamin E - Thiamine + B12 - Increases milk - Stimulates higher appetite

TALK TO YOUR PURINA DEALER OR FARM CONSULTANT TODAY ABOUT WHICH PURINA DAIRY VITAMIN SUPPLEMENT FITS YOUR NEEDS!!!

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